je Kliming Donnal,

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1639.—Vol. XXXVII.

LONDON, SATURDAY, JANUARY 19, 1867.

STAMPEDSIXPENCE.

INING EXCHANGE, LONDON.—As the rules of the Mining Exchange PROHIBIT all its MEMBERS from ADVERTISING SHARES at FIXED PRICES, the Committee feel it their duty to SIR, they have no means of offering redress to such of the public as may A List of the Members can be had on application to the Secretary.

Mining Exchange, London.

TR. JAMES CROFTS, STOCK AND SHAREBROKER,
No. 1, FINCH LANK, CORNHILL.
(Established 23 years.)

Holders of mining shares Difficult of Sale in the Open Market may
purchasers for the same through Mr. Crofts' agency. Also parties requirAdvice how to act in the Disfosal or Abandonment of doubtful mining
les may profitably avail of Mr. Crofts' long experience on the market in all
so of doubt or difficulty, legal or otherwise.
-- ELY Valler Collier.—Prospectuses, forms of application, and a plan
the property may be had of Mr. Crofts.

Tr. Crofts having devoted his attention to the position of a large number of
nes which have recently emerged from almost total forgetfulness into favoursio notice, refers to his remarks on p. 21, in last Journal, in reference to a selecan he has made of such mines, of which the following is a list, and confidently
commends purchases without delay:—
Crok's Kitchen.
Great Fortune.
Cook's Kitchen.
Great Fortune.
Nanglies.
Wheal Will.
Nanglies.
Wheal Kitty (St. Ag.)
Wheal Kitty (Lelant).
Wheal Kitty (Lelant).
Wheal Kitty (Lelant).
Wheal Kitty (Lelant).
Wheal Kern.
Wheal Remma.
Rosswarne United.
North Dolcoath.

North Dolcoath.

North Dolcoath.

North Dolcoath.

North payers are further pur-

South Darren.

Rosewant Hime Rains. Notth Doicoath. (2)

South Darren.

Rosewante United.

Iolders of any of the above will suit their own convenience as to further pur

asses; but the writer believes that a more valuable list of speculative shares

most at nominal prices, has never been laid before the mining public.

Bankers: National Bank of Scotland, Finch-lane.

VILLIAM LANE (SUCCESSOR TO JAMES LANE), 44, THREADNEEDLE STREET, LONDON, E.C., STOCK AND AREDEALER (Established Thirty Years), has FOR SALE the following targes:—

HARRDEALER (Established Thirty Yoars), has Folk SALE the following MARRS:

0 Caldbeck Fells, 16s.
0 Chontales, \$2 18s. 9d.
10 Don Pedro, 21s. 9d.
10 Don Pedro, 21s. 9d.
10 Darke Walls, 17s 6d.
100 Lady Bortha, 2s.
100 East Grenville, £2 3 9
10 East Grenville, £2 3 9
10 East Grenville, £2 3 9
10 Frank Mills, 35s.
10 Gt. Retallack, 41s.
10 Gt. No. Downs, £334.
10 Frank Mills, 55s.
10 Gt. Retallack, 41s.
10 Gt. No. Downs, £346.
10 Frank Mills, 55s.
10 Gt. Retallack, 217 5s.
10 Great Laxey, £17 5s.
10 Petarena Gold, 39s 6d.
10 West Chiverton.
10 West Chiverton.
11 Great Laxey, £17 5s.
10 Petarena Gold, 39s 6d.
10 West Chiverton.
11 Great Laxey, £17 5s.
10 Petarena Gold, 39s 6d.
10 West Chiverton.
11 Great Laxey, £17 5s.
11 Great Laxey, £17 5s.
12 Mest Chiverton.
13 O'Menal Crebon, £36.
14 Great Laxey, £17 5s.
15 Petarena Gold, 39s 6d.
16 West Chiverton.
17 Great Laxey, £17 5s.
18 O'Menal Crebon, £36.
19 West Chiverton.
19 Great Laxey, £17 5s.
10 Petarena Gold, 39s 6d.
10 West Caradon, £13%.
10 Great Laxey, £17 5s.
10 Marke Valley, £4 12 6s.
25 N. Treskerby, £2 16s.
26 New Birch Tor, 10s.
26 New Birch Tor, 10s.
27 Wh. Grenville, 7s.
28 West Chiverton.
28 West Chiverton.
29 West Chiverton.
20 West Chiverton.
20 West Chiverton.
20 West Chiverton.
20 West Chiverton.
21 Great Laxey, £17 5s.
21 Great Laxey, £17 5s.
22 Detarena Gold, 39s 6d.
23 Wheal Crebon, £36.
24 West Chiverton.
25 Wheal Univ., £35.
26 West Chiverton.
26 West Chiverton.
27 Wh. Grenville, 7s.
28 West Chiverton.
28 West Chiverton.
29 West Chiverton.
20 Wheal Univ., £35.
20 Great Laxey, £17 5s.
20 West Chiverton.
20 West Chiverton.
20 West Chiverton.
21 Great Laxey, £17 5s.
22 No Marke Valley, £4 12 6s.
25 No Mineral Rights, 10s 6d.
25 No Mineral Rights, 10s 6d.
26 South Darren, £8s.
26 No West Chiverton.
27 Wh. Greenville, 5s.
28 No Redmoor, 5s. 3d.
28 Redmoor, 5s. 3d.
28 Redmoor, 5s. 3d.
28 Redmoor, 5s. 3d.
28 N

MR. LELEAN, ENGLISH AND FOREIGN STOCK AND SHAREDEALER.
11, ROYAL EXCHANGE, LÖNDON, E.C.
Bankers: Robarts, Lubbock, and Co., Lombard-street.

UIDE TO INVESTORS.—MR. LELEAN'S STOCK, SHARE, AND FINANCE REGISTER for January contains the sixth of a series of articles on the whole circle of investments—British and Foreign Stocks and Loans, Bank and Finance, Railway and Insurance, Gas and Water, and Manuacturing and Commercial Shares; with such information as is necessary to guide intending investors amidst the shoals and quicks ands of the multifarious pecies of investments that now present themselves.

Published by Pottle and Son, 14 and 15, Royal Exchange, London, E. A.

ESSRS. WILSON, WARD, AND CO., STOCK AND SHAREDEALERS.

16, UNION COURT, OLD BROAD STREET, LONDON, E.C. Can recommend two good mines for investment.

MR. THOMAS THOMPSON, MINING OFFICES, Mr. THOMPSON recommends the immediate purchase of Westminster, New Tamar, and New Ciliford shares.

Tamar, and New Clifford shares.

CEORGE RICE, SHAREDEALER, 78, OLD BROAD STREET, LONDON, E.C. (25 years' experience), Member of the Mining Exchange, DEALS in MINING SHARES at close market prices of the day, as BUYER or SELLER, for each or account.

Closing prices.

Bryn Gwiog. 213 - 215
Chiverton ... 84 - 84
Chiverton ... 224 - 234
North Crofty ... 44 - 5
Rast Basset ... 224 - 234
North Crofty ... 44 - 5
Rast Chiverton ... 2 - 24
Rast Chiverton ... 2 - 24
Rast Chiverton ... 2 - 24
Rast Lovell ... 34
East Caradon ... 24
East Lovell ... 94
East Caradon ... 124 - 134
East Russell ... 245
East Caradon ... 6 - 64
M.B.—Some of the above shares must still further rise, asstated in my previous advertisements, whereas others should be sold at once, to secure a certain profit before the fall takes place.

oney advanced on mining shares. Bankers: Bank of England. CHONTALES AND ST. JOHN DEL REY GOLD MINES.—
GEORGE RICE deals in these shares, as BUYER or SELLER, at
all e prices, and being in possession of important information as to the proca sts of the mines, can advise both speculators and shareholders when to buy
the state of the mines, can advise both speculators and shareholders when to buy
the state of the mines, can advise both speculators and shareholders when to buy
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CALDBECK FELLS LEAD MINES.—GEORGE RICE their old price.—Jan. 18, 1867.

M. JAMES HUME, 74, OLD BROAD STREBT, and MINING EXCHANGE.

TRANSACTS BUSINESS IN ALL DESCRIPTIONS OF MINE SHARES, nett, at closest prices.

SPECIAL BUSINESS In East Russell, East Lovell, Great Retallack, Great South Tolgus, Kitty St. Agres, Prince of Wales, Redmoor, East Carn Brea, Carn Brea, Cook's Kitchen, North Crofty, Bottle Hill, South Condurrow, Chontales Gold, Pestarena Gold, &c.

Mr. T. HUME'S "Circular" forwarded on application.

Bankers: The London Joint Stock Bank.

WALTER TREGELLAS, 122, BISHOPSGATE STREET WITHIN, LONDON, E.C., DEALS IN ALL KINDS of bona fide STOCKS and SHARES, at close market prices:—FOR SALE:—5 West Frances, 5 West Tolgus, 20 Chiverton Moor, 40 Camborne Vean, 100 New Clifford, 100 Don Fedro North del Rey, 109 Worthing, and 100 Frontino and Bolivia.

BUYER of 5 West Chiverton, 5 Trelawny, 20 North Treskerby, 10 East Caradon, 20 South Crofty, 100 Anglo-Brazilian, and 50 St. John del Rey.

M. R. GEORGE BUDGE, No. 4, ROYAL EXCHANGE
BUILDINGS, LONDON, E.C. (Established 19 years), has FOR SALE;

-2 Minera, £146; 1 Devon Great Consols, £420; 1 West Sharp Tor, £19: 100
Pestarena Gold; 5 Mas-y, Safn, £20; 100 Don Pedro, 19s, 6d.; 200 Port Phillip;
100 New Crow Hill, 11s.; 50 Great Retallack, £2½; 30 Mineral Rights, 9s. 3d.;
100 South Grenville, 8s.; 95 Dale, 2s. 1d.; 30 Creber; 100 West Wheal Kitty; 150
Frontino and Bolivia; 50 Frank Hills; 100 Hollybush (paying 10 per cent.—
Mr. BUDGE is a BUYER of 50 Wheal Kitty (St. Agnes), £2½; 50 Gawton, £2;
100 East Rosewarne, 10s.; 250 Anglo-Brazilian, 6s. 6d.; 10 Cook's Kitchen, £104; 1 Minera, £136; 100 Pendeen Consols; 10 East Lovell; 20 Chiverton
Moor; 100 Redmoor; 1 South Caradon; 75 Prince of Wales; 5 Tincroft.

VALUATION OF LODES PER FATHOM.—PETER
WATSON'S "WEEKLY MINING CIRCULAR AND SHARE LIST—
SYNOPSIS OF CORNISH AND DEVON MINES," of yesterday (Friday),
Jan. 18, No. 407, Vol. 1X., price 6d. each copy, forwarded on application, contains interesting particulars as to the valuation of Copper, fin, and Lead Lodes.
This "Circular" also contains a leading article on the Share Markets. Full particulars will be found respecting—
North Wheal Crofty.
East Carn Brea.
Uheal Margoret.
Clifford Amalgamated.
Wheal Chiverton.
Grambler & St. Aubyn.
North Roskear.
Frank Mills.
Proper United.
West Chiverton.
And other information respecting the purchase and sale of shares.

and other information respecting the purchase and sale of shares.

Peter Watson, Stock and Sharedealer, 79, Old Broad-street, London, E.C.

TOOK AND SHAREDEALER.—MR. PETER WATSON, DENGLISH and FOREIGN STOCK, SHARE, and MINING OFFICES, 49, OLD BROAD STREET, LONDON, E.C. Rallway, Joint-Stock Banks, Dock, Insurance, Canal, Mining, Steam-ship, &c., and every other description of shares bought and sold at nett prices.

TELEGRAPHIC MESSAGES to BUY or SELL Railway, Bank, Mine, and other shares and stocks, punctually attended to, at nett prices for cash, or for fortnightly settlements, with advice as to purchases or sales.

Twenty-two years' experience. (Two in Cornwall and Twenty in London.)

Bankers: The Alliance Bank, and the Union Bank of London. From the close proximity of his offices to the Stock Exchange, as well as the Mining Exchange, PETER WATSON is enabled to act with promptitude on all orders entrusted to him, which at all times are carried out with punctuality, and to the best advantage of his clients.

MR. EDWARD COOKE, STOCK AND SHAREDEALER,
As SPECIAL 56, OLD BROAD STREET, LONDON, E.C.
Has SPECIAL 56, OLD BROAD STREET, LONDON, E.C.
Shares either for cash or fortnightly settlements.
Stock Exchange securities dealt in at close market prices.
Satisfactory references given in any town in the United Kingdom.
Bankere: Alliance Bank.

M. R. C. A. POWELL, SHAREDEALER, 78, OLD BROAD STREET, and MINING EXCHANGE, LONDON, E.C. SPECIAL BUSINESS as BUYER or SELLER in West Chiverton, Chiverton, Great Retailack, Prince of Wales, Chontales, Caldbeck Fells, and Frontino and Bolivia.

Parties having business in the above or other shares will be dealt with a pett

prices, at a fair margin on the market quotations.

Jan. 18, 1867. Bankers: Bank of England.

MESSRS. McNEILL AND LONG, STOCK, SHARE, AND MINING DEALERS, 31, THREADNEEDLE STREET, LONDON, E.C.

James D. Genn and Co., STOCK and Sharedealers 8, Crown Court, Threadneedle Street, London, E.C.

M R. JOHN BATTERS, STOCK AND MINIMO SHAREBROKER, 18, THROGMORTON STREET, LONDON, E.C. JOHN RISLEY, 32, LOMBARD STREET, and MINING EXCHANGE, LONDON, E.C., has SPECIAL BUSINESS in East of the wille, Wheal Buller, and West Caradon shares.

WILLIAM MICHELL would still recommend the purchase of two or three mines that he has had recently inspected, the price of shares in which has not yet been influenced by market operations. There are others that he would recommend to be sold.

CHONTALES.—The mail has arrived, but no gold on account of the mine the report is hopeful. Money advanced on Mining Shares.

Apply to 42, Cornbill, London, E.C.

MATTHEW GREENE, STOCK AND SHAREDEALER, ST. MICHAEL'S HOUSE, CORNHILL, LONDON, E.C., has BUSINESS in the FOLLOWING SHARES at the market price of the day, nett and free of complete.

commission:—
20 Great Laxey.
100 Prince of Wales.
100 Prince of Wales.
25 Prosper United.
20 Great North Laxey.
100 New Clifford.
100 East Snacfell.
100 East Snacfell.
100 Fast Carn Brea.
100 New Tamar.
100 New Clifford.
20 Westminster.
20 Westminster.
21 Great Snacfell.
22 Westminster.
23 Westminster.
24 close nett prices
25 Prosper United.
26 Great North Laxey.
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At close net prices

Bankers: Imperial Bank.

M. R. WILLIAM MARLBOROUGH, 1, GREAT ST. HELEN'S,
BISHOPSGATE STREET, LONDON, E.C. (Established 12 years), has
FOR SALE the FOLLOWING SHARES, at nett prices:
50 Prince of Wales, 322 9
4 W. Chiverton, 28-9
15 Marke Valley, 24 113
2 New Seton, £34½
4 Carn Brea, £36
50 GR Tor, £1 38-9
10 East Loveli, £10 89 9d
20 GR No. Downs, £36
50 Chontales, 68-30, dls.
40 Wh. Grenville, 27-8 45
50 Mineral Rights, 98-9d
10 Wheal Seton, £134
50 East Bottle Hill, 58.
51 No. Dolocath, 48-30
52 South Frances, £20½
53 Grambler, £23½
54 Orcheor, 18-30
55 No. Dolocath, 48-30
56 Choolocath, 48-30
58 Carners, £20½
59 Grambler, £23½
50 Cheat Bottle Hill, 58.
50 Galdbeck Fells, 14-90
69 Grambler, £23½
50 Cheat Winchest Price Street
50 Price of Wales, 22-9
50 Resewant, 148-90
60 Resewant, 148-90
60 Grambler, £23½

MR. R. EMERSON, 28, GREAT WINCHESTER STREET, LONDON, E.C., has the FOLLOWING SHARES FOR SALE at nett prices:—50 East Bottle Hill, 5s.; 30 North Dolcoath, 6s.; 10 Westminster Lead, £5; 28 Sortridge Consols, 3s.; 75 Drake Walls, 20s.; 20 South Condurrow, 15s.; 50 Wheal Crebor, 14s.; 20 Leeds and St. Aubyn, £5; 98 Dale, 1s. 6d.; 20 West Wheal Kitty, 5s.; 10 Great South Tolgues, 20s.; 100 Abraham Consols, 10s. And a BUYER of Clifford Amalgamated, West Frances, North Roskear, and West St. Ives.

Advice given on the sale and purchase of shares.

Advice given on the sale and purchase of shares,
Eighteen years' experience in Cornwall and thirteen in London.

INVESTMENT, LOAN, AND BANK AGENCY—
Established 1839.
BANKERS—London and County Bank.
This Agency undertakes the Investment of Capital in British and Foreign Government Stocks and Joint-stock Companies upon advantageous terms.
Every information afforded to Capitalists, Trustees, and others, who seek investments of a strictly safe and eligible character.
Loans granted on Stocks and Shares having a market value, interest allowed upon deposits, and every description of Bank and Money Agency business transacted.
CHARLES PETERS, Soc.
No. 12, Clement's-lane, Lombard-street, London, E.C.

M R. CHARLES THOMAS, MINING AGENT, GENERAL SHAREDEALER, AND AUCTIONEER, 3, GREAT ST. HELEN'S, LONDON, E.C.

SALE OF MINING SHARES BY PUBLIC AUCTION.

MR. CHARLES THOMAS'S NEXT SALE of MINING THURSDAY, the 7th day of February, 1867, at One o'clock precisely.

Persons desirous of offering shares on that day should give notice of same immediately, in order that their property may be advertised in the country papers. No orders received later than Saturday, 2d of February, Address, 2. Great St. Helen's, Bishopsgate-street, London, E.C.

NORTH POOL MINE.—Mr. CHARLES THOMAS has a NUMBER OF SHARES FOR SALE, for which no reasonable offer will be refu-ed.—3, Great St. Helen's, London, E.C.

MR. T. E. W. THOMAS, MINING AGENT AND GENERAL MINING SHAREDEALER, UNION CHAMBERS, UNION COURT, OLD BROAD STREET, LONDON, E.C. Mr. THOMAS has SPECIAL BUSINESS In Bottle Hill and East Bottle Hill, West Kitty, North Wheal Crofty, and North Roskear.

MESSRS, LANE AND GIBBS, 2, ROYAL EXCHANGE LONDON, E.C. (Members of the Mining Exchange), STOCK AND SHAREDEALERS, AND FINANCIAL AGENTS, transact business in all kinds of securities at closest nett prices for cash or account.

Parties of respectability can have transfers registered in their names previous to payment.

Daily price list on application.

Bankers: London and County Bank.

SAFE INVESTMENTS FOR CAPITAL,
Paying 5 to 20 per cent. per annum upon the outlay.
SHAREHOLDERS, CAPITALISTS, TRUSTEES, and INVESTORS
seeking valuable and reliable information, and requiring safe, sound, and pro-SHARP'S GENERAL INVESTMENT CIRCULAR

(Post free). It is a safe guide, giving every information to shareholders and capitalists. GRANVILLE SHARP, STOCK & SHAREDEALER, 32, POULTRY, LONDON.

MR. J. B. REYNOLDS, 70 and 71, BISHOPSGATE STREET

WITHIN, LONDON, E.C., has SPECIAL BUSINESS in—
North Crofty.
Wheal Chiverton.
Wheal Crebor.
Prince of Wales.
Chontales Gold.
North Roskear.
Frontino Gold.
Marke Valley.
Goth Callington.
West Wheal Kitty.
Cuddra.
New Crow Hill.
Mr. REYNOLDS never recollects a period so promising as the present for a quick

Mr. REYNOLDS never recollects a period so promising as the present for a quick rise in the price of good bona fide mining undertakings. His first Circular for 1887, now in course of preparation, will contain some startling facts relative to the past, present, and future prospects of this branch of Industry.

Established Ten Years. Member of the Mining Exchange.

Bankers: City Bank.

M R. J. B. R. E. Y. N. O. L. D. S. OFFICES, 70 and 71, BISHOPSGATE STREET WITHIN, LONDON, E.C.

Business transacted in British and Foreign Stocks, Railway, Bank, Insurance, Financial, or Mining Companies Shares, and all Miscellaneous Securities, at the lowest market quotations.

Exchanges effected and purchasers found for shares not generally market.

Britanical of the control of the con

. W I L L I A M W A STOCK AND SHAREDEALER, No. 29, THREADNEEDLE STREET, LONDON, E.C. WAR

R. T. ROSEWARNE, 81, OLD BROAD STREET,
has BUSINESS in the FOLLOWING SHARES, either as BUYER or
SELLER, at close market prices:—
Bedford United.
Chock Crebor, Great Retallack.
Crebor, Great Laxey.
Crebor, Great North Laxey.
Crebor, Great North Laxey.
Crebor, Great North Laxey.
Crebor, Great North Laxey.
Great Vor.
Bast Lovell.
Marke Valley.
Caldbeck Fells, East Grenville, Herodefoot,
North Crofty.
Sorth Crofty.
East Caradon.
Prosper United. Bedford United.
Drake Walls.
Crebor,
Great Laxey.
Great South Tolgus.
North Roskear.
Stray Park.
Caldbeck Fells.
North Crofty.
Prince of Waies.
West Caradon.
Great North Laxey.
Great Vor.
Marke Valley.
Herodsfoot.
Prosper United.
Prosper United.
West Chardon.
Grenville.
Great North Laxey.
Great North Laxey.
Great North Laxey.
Great North Laxey.
Herodsfoot.
Prosper United.
West Chiverton.
East Caradon.
Grenville.
Grenville.
Great North Downs.
Great North Downs.
Great North Downs.
Gawton.
Tincroft.
Wheal Seton.
East Rosewarne.
Wheal Seton.
East Gunnislake.
An OFFER WANTED for Lady Bertha, Old Gunnislake, Dale, West Maria
and Fortescue, Gwydr Park.
Partics desirous of investing in mining should consult II. December 1.

and Fortescue, Gwydr Park.

Parties desirous of investing in mining should consult T. ROSEWARNE, as there is a great deal of money to be made in several of the above mines.

Money advanced on mining shares.

Bankers: Bank of England and Consolidated.

MR. G. D. SANDY, STOCK AND SHAREDEALER, No. 48, THREADNEEDLE STREET, LONDON, E.C., TRANSACTS BUSINESS in EVERY DESCRIPTION of STOCK EXCHANGE SECURITIES, MINING and FINANCIAL ENTERPRISES, at close market prices, Mr. G. D. SANDY recommends the immediate purchase of New Tamar, and Lovell Consols, as a rapid advance in price is certain to take place early in

Mr. G. D. Sandy's Circular for the present month, now ready, should be perused by all interested in mining enterprise. Gratis, post free.

Dorrect Daily Price List may be had on application.

Money advanced to any amount on legitimate stocks and shares.

References exchanged.

BARTLETT AND CHAPMAN, STOCK AND
SHAREDEALERS, 2, BUCKLERSBURY, LONDON, E.C.
Business transacted in every description of stocks and shares at lowest
market prices, free of commission.
All communications will receive immediate attention, either personally or by
letter.
N.B.—LOVELL CONSOLS TIN having advanced, intending investors should
not delay purchasing at present low prices, £3 to £3½.
WEST MARIA AND FORTESUE.—An OFFER WANTED for 25 shares.
Bankers: London and Westminster.

MR. EDWARD BREWIS is a BUYER or SELLER for cash or account, or for dealings end of April, July, or September, 1867, in the undermentioned mines—
Chiverton. Chiverton Moor.
Westminster. South Condurrow. Clifford. Caldbeck Fells. Great Vor. Prosper United. Wheal Buller. Wheal Buller. Chontales Gold. Frontino and Bolivia. Don Pedro No. del Rey.

West Chiverton.
Prince of Wales.
Great Vor.
Dyfngwm.
West Caradon.
Don Pedro No. del Rey. Will sell 100 Wheal Chiverton in exchange for 1200 South Condurrow, delivery ny time in 1867. No. 8, Warnford-court, Bank, E.C., London.

M. JOHN LITTLE, STOCK AND SHAREDEALER, 77, OLD BROAD STREET, LONDON, E.C. (late of Redruth).

Immediate attention to orders by telegraph or letter.

Prompt cash settlements.

JOSEPH J. REYNOLDS, Jun., UNION COURT, UNION CHAMBERS, OLD BROAD STREET, LONDON, E.C. See letter on p. 37, for information on North Crofty and North Dolcoath, and full report in the Journal of Jan. 5.

MR. JOHN HOSKING, MINING ENGINEER,
(Late of Ashburton, Devon).
Mr. Hosking, having had 20 years' practical experience, OFFERS HIS SERVICES as MINE SURVEYOR, VALUER of MINING MACHINERY, or to
INSPECT any MINING PROPERTY, either at home or abroad. Terms on application,—14, Liverpool-street, London, E.C.

Original Correspondence.

COMPENSATION FUND FOR ACCIDENTS IN COAL MINES.

SIR,—The recent deplorable accidents which have occurred at Barnsley and North Staffordshire have directed general attention to the subject of a compensation fund for the relief of sufferers by mining casualties. A correspondent of the Barnsley Chronicle makes mining casualties. A correspondent of the Barnsay Caronical makes some very valuable suggestions in reference to this matter. He states that in the ten years ending 1860, 9090 lives of miners were lost in collieries. During these ten years 605, 154,940 tons of coal were raised, so that one person was killed for each 66,573 tons of coal raised from the pits; 909 were killed annually, according to the average. Sometimes nearly one-fourth of the year, by average of 909 deaths, is supplied at one by one pit under circumstances of almost unparalleled. plied at once by one pit, under circumstances of almost unparalleled horror, as was the case, for instance, in the Hartley accident, the dramatic incidents of which wrung the heart of England, and pro-duced a great flow of subscriptions for the widows and children of those who perished. But it has been proved that such benevolence is not applicable to relieve the current and continuous stream of ac-cidents happening throughout each year, and that it is only where the victims are very numerous, and their deaths are accompanied by some thrilling dramatic incidents, that an adequate provision can be obtained from such a source. A less discriminating and uneven system of relief than that afforded by charitable contributions would, therefore, seem to be desirable. It is suggested, then, that the owners of each pit should be rated at a certain amount, to be paid into a common fund, based upon the annual average for the last five years of accidents in coal mines throughout each portion of the United Kingdom, and that out of this fund allowances should be made to Aingdom, and that out of this rund allowances should be made to the widows and orphans of those who are killed by the unavoidable accidents in their calling. The establishment of such a fund might be made to exercise beneficial results, both upon the men and the coalowners. The details of management might be arranged in each general committee.

district by a general committee.

Such are the main points brought forward by the writer alluded to, and I think it will be admitted that the above suggestions are entitled to careful consideration. In an appendix to his letter, since published, we find the following statement:—"There are in the United Kingdom 3268 collieries, in which are employed 307,542 coal miners, who produced in 1865 by their labours 98, 150,587 tons of coal, which is valued at the pit's mouth at 24,537,646/. Supposing, then, that a sum of 49,220/, were yearly raised for a compensation fund, an ave-

rage of only 15%, per pit would provide the money."

The suggestions which I would make in connection with the above relate more particularly to the manner of raising the required compensation fund. Ithink that in any such scheme as this the men them selves should be made to take an active personal interest, and should also contribute their fair share of money, in order to be entitled to relief for their families in case of accident. Making only rough relief for their families in case of accident. Making only rough calculations, it seems that a contribution of one-eighth of a penny per ton of coal raised (say, on 100,000,000 tons per annum), would realise 52,0002, per year. Also, a contribution of one penny per week per man would raise a total of 65,0002, per annum. Now, assuming that it would be equitable to divide the expense of the compensation fund equally between the coalowners and the workmen, it is evident that a contribution of one-sixteenth of a penny per ton of coal raised, and of one halfpenny per week per collier, would raise an annual sum of above 58,000%, or, allowing for contingencies, expense of collecting, &c., say, of 55,000 a year, which would be sufficient to allow a more liberal provision for survivors than was adopted even in the Hartley case. The great advantage of a scheme of this kind would be, that it would meet the case of isolated accidents, where the relative amount of suffering is about the same as in the more deplorable catastrophes. The present seems a most favourable time for dis-cussing and considering the above matter, the more so as I under-stand the subject is to be brought forward at the approaching meeting of the Mining Association of Great Britain.

No doubt some notice will be taken of the recent colliery accidents in the ensuing parliamentary session, and, therefore, I would urge the consideration of the points above alluded to upon the attention of those members of the House who are locally connected with colling districts. W. R. J. HOPKINS. liery districts .- Middlesbro', Jan. 17.

IMPROVEMENTS IN COAL MINING-No. V.

-I will now passon and briefly consider UNDERGROUND TRAN str. This part of underground work has improved wonderfully. Twenty years ago, and it is to be regretted even now, many collieries had such miserably low contracted roads that people who travelled on them had miscrably low contracted roads that people who travelled on them had to do a great deal of that (as the colliery phrase is) "on all fours," or on their hands and knees, and very little boys had to be employed to convey the coals from the place where they were dug to the shaft. The mode of conveyance was something like the following:—The "tub," or "corve," in which the coal was conveyed was generally a box-like thing, of various shapes and dimensions, but mostly a little oblong-shaped, with two shoes or slides on the bottom, not unlike the "sladges" used in the Arctic regions, canable of holding variously used in the Arctic regions, capable of holding variously om 14 to 24 cwts. of coal. The power applied to drag these box-te "corves" was, as has been said, boys—as a rule, two of them to one bor corve. Each boy had a kind of gearing to fit his body, made tub or corve. Each boy had a kind of gearing to fit his body, made of different kinds of material, and in different parts of the country of various shapes. The most common one was a leathern strap, about 1½ in. or 2 in. wide, of sufficient length so that when the two ends e stitched together in the form of a belt or ring it would slip over were stitched together in the form of a beit or ring it would slip over the head and shoulders down to the spine or narrow part of the back. Before the two ends were sewn together, an iron ring or hook, made to fit on the strap belt, was put on. In addition to this, each boy had a loose piece of chain, varying in length from 8 to 27 in., at one end of which was a hook. The other end was fastened to the hook on the belt, and the "corve," or "tub," was attached to the hook end of the chain. The how if sufficiently strong, threw one leg over the chain. chain. The boy, if sufficiently strong, threw one leg over the chain, and to apply his power to drag the tub behind him assumed the position of a quadruped, going on "all-fours." If not sufficiently strong, he went "back first," or travelled backwards, pulling the load 8 in. or 10 inches at a time, not being able to maintain the motion of the tub and move his legs at the same time—which simply means that, with his feet upon the ground or floor, and his hands against the wall or side, forming, as it were, a sort of fulcrum, while with the belt round his waist he jerked the lode 8 or 10 in. The load has to stand while the feet and hands are again planted, then another jerk of the same distance. This operation was repeated at least every foot of the road, and some of them were by no means short. I have known lads worked this way until they have (for a time) fallen powerless along the ground, and wept bitterly; and I now wonder that such means should ever have been used, for, as I have seen it, it was too much for any boy or man either. It was really very, very hard work.

Lave beging it said and I believe there is some truth in it, that the I have heard it said, and I believe there is ie truth in it, that the reason so many of the colliers are crooked legged, or, as they say, "bow-legged," is owing to the mode of dragging that I have just described, back first: for there is great strain put upon the legs, and I doubt not many have become how-legged from this very cause

By the introduction of iron rails laid, like our railways, on the surface, and wheels on the tubs, a great deal of the work described above is dispensed with. The rails are laid up to the face of the above is dispensed with. The rails are induly to the face of the coal, so that, if there were no mechanical or horse-power, a boy is able to do as much work again—or, rather, the expense of work by the boy produces much more than twice the result; but by horses and ry very little of this work has to be done by physical labour. Inachinery ery little of this work has to be done by physical baour.

I have known places where a boy some 16 years of age has had a hard day's work in conveying 36 cwts, in a day. By good arrangement a has had a hard pony and boy will convey more than 36 tons per diem. Then, again, take "tail ropes" and "endless chains." What an amount of coal can be conveyed by either of these systems! There is some diversity of opinion as to which of these two systems is the best. That of which they know most is the best in some individuals opinion. Each has its advantages and disadvantages. Apart from the different systems, I think, as to work, the endless chain has the advantage, inasmuch as the chain never stops during working hours; all its appliances being self-acting there requires no alteration in the motion, The full and empty tubs are put under and delivered as constantly as the sheets of paper are put under the cylindrical press at one end

and delivered at the other. The advantage of the endless chain is that and delivered at the other. The advantage of the endless chain is that it keeps those attending it at their duty, and, as a consequence, improves them very much, as is the case with all machinery. Under this head I might speak of the different sorts of tubs or trams, for without a travelling experience a person would scarcely credit the diversity of form and capacity there are in different parts of the mining country. In Lancashire, where for mining machinery they stand first, in tubs and corves they are behind. The square tub, as generally adopted, is a very unwieldy conveyance, and not at all in keeping with the nature of the work. Yorkshire, also, would not carry away the palm for its construction of corves. Indeed, in most districts this seems to be a subject to which there is little attention paid, yet it is a very important point in the economy of an extensive paid, yet it is a very important point in the economy of an extensive iliery. Wheels, and their position.

-I have seen many places and concern of some pretentions, too, put the wheels nearer the centre than the ends of the tubs, and allege as their reason for so doing that the corves are much easier to tip over and to lift on the rails when off—a very plausible reason, too, but they overlook the fact that the very provisions they make cause additional work in other directions. The main object ought to be to keep the corves on the rails, then they will not require lifting on. main object ought to be to keep the corves on the rails, then they will not require lifting on. Let the best provision be made for this, and the tipping can have stationary facilities. I have not seen any papers or discussions on this subject, although it is of so much importance. The roads also come under this head. This has received some attention. In many districts I have seen main wagon-roads or levels where the coal of the whole pit has come through so parrow levels, where the coal of the whole pit has come through so narrow and so low a hovel, that a boy even could not pass a tram in the way, if he should happen to meet any between the offsets. I have seen instances, where boys did the wagoning, of their having to go back on the road through a slit in the face of the coal, come down another on the road through a slit in the face of the coal, come down another slit, and go on the main road, to get to the other side of their tram, when there has been some impediment in the way of its progress, which amounts to this—in order to get to the fore end of his tram from the back, he has had to travel 80 or 100 yards to do it, when the distance from the back to the fore end of his tram was 4 feet, if the road had been wide enough for him to have gone between his tram and the side or wall of the road, or if there had been height enough to get over the tcp, thus performing a needless journey of that distance, and consuming time to the amount of some four or six minutes. Then there is the height of the road. It is a piece of downright folly to have any road coal has to be conveyed upon low —i. e., of not sufficient height. How often even now-a-days does one hear the men engaged in loading or filling coal complain that they cannot fill the tubs any higher, they will not go under the roof. I remember, about some four years ago, going to do some surveying at a colliery, and being very much retarded by one of the main roads being so very low; it was a long one too. Imagine the evil of their using a trolly and small slid tubs, the trolly and tubs standing about 2 feet 3 inches on this road; they thus brought the coal to a place near the shaft, where they emptied the small tubs, and filled the coal in proper 10-cwt. trams. When we reached the coal there was a splendid face of good unmixed coal, full 4 feet 9 inches, with a top or roof of 3 feet heavy ground, and above this good strong clay shale, of some 25 fathoms thick. I need scarcely say that such a colliery, or rather, such a worked colliery, did not pay very large dividends. It is be regretted that many collieries at the present day are very mu-crippled in this respect. It is false policy to have bad roads. I b crippled in this respect. It is false policy to have bad roads. I but recently visited a colliery where the underground haulage or conveyance (and none of it has to be drawn up hill) cost as much per ton as the conveyance of coal from Clay Cross to London—a distance of nearly 200 miles. During the same week I saw a colliery with much more road open, and working with a sixth of the coal drawn up hill, at a cost of only one-fifth of that mentioned above, and the roof in the former case is much better than the latter for making good roads. A good deal might also be said about rails, shunts, &c., as these are much neglected. It seems almost a prevalent idea that anything will do for underground use, any sort of timber for sleepers, any kind of connections for the rails. It is a great mistake. I see no reason why there should not be as much care and attention in laying and keeping in order a main road underground as there is on our system of railways, even to "fishing" the joints. To the weight of rails there seems little attention paid. I remember changing the rails in a colliery (I am not speaking of the flange-rail, but the bridge or T-rail) from a 12 lbs. to a 27 lbs., in a main road, and with nothing else, the ponies actually brought double the number of trams with couple age. There is much in the proximity of the sleeners to such equal case. There is much in the proximity of the sleepers to each other. Water on the main roads used to be a common plague, now very few roads indeed used for the transit of coal have any water at all on them; instead of this, many of them are obliged to have water taken and sprinkled to lay the dust, like the water-carts in our cities. What a vast improvement in the right direction. I will leave this,

imperfect as I know it is, and just review ventilation.

Ventilation—I suppose from its importance, has received more attention than any other subject connected with mining operations, but the people (even officials) who understand the subject are few compared with those who do not. There are some dreadfully ill-ventilated collieries in districts where only small collieries are situated; and previous to the Inspection Acts, as a rule, ventilation was never even thought of, much less provided for, so long as the miners could get into their places of work. If driven back, either by carbonic acid or hydrogen gas, an attempt was made to get rid of it, and nothing more, and none but those who have had experience can imagine the extent of negligence in this department. When "sulphur," as the extent of negligence in this department. When "sulphur," as hydrogen gas was and is called, happened to be in a place, a man would have begun "batting" it out—i. e., trying to dilute it, by taking his coat or some garment, first putting out his light, and fanning, as it were, in the place, by which the gas would be more diffused. After batting half-an-hour or so, he would put his light on the floor as near as he could bring it without igniting the gas, and begin work-ing with his light sometimes twenty yards behind him. This may seem too risky to be true; but if as many working miners were to read this statements as lookers-on, they could testify to the correctread this statements as lookers-on, they could testify to the correctness of it. Black-damp was never cared for. Many living can now tell the story of having worked for weeks together where a light would not burn. Many hundreds of yards of strait or narrow work have been driven entirely in the dark; many thousands of tons of coal have been got by men in wide work, where it has required either a man or boy to keep a light burning—as many as six candles stuck together. I have known collieries where boys where specially employed to keep lights for the men, and they have had plenty to doubt on the summary of the special state of the sp What a contrast to the well-ventilated collieries of the present day! There are some very crude notions yet about ventilation. I give the following as an instance. Not long ago, at a certain colliery, where the return air-way was all but impassable, the area for plain, the writer had then to work the concern), I ordered the air lain, the writer had then to work about the burner to be made larger, and on one occasion, while going through two hours' ich). I happened to say to the deputy—"How do you (a two hours' job), I happened to say to the deputy—"How do you come to have so many turns and bends in the road?" His reply was this—"To make the ventilation better." This was a new idea to me, and, of course, I had to get at the reasons, fearing my preconceived notions of ventilation might be wrong, especially as so small an area with these ideas of angles and turns "making the air better," seemed enough for them. I was naturally anxious to get at the secret. The enough for them. I was inturally analous to get at the secret. The man frankly gave me his reasons, which were to this effect. He said—"Do not you feel just when you come to one of these turns that the wind is a good deal sharper?" Of course, I did feel that the wind was sharper at the corners; this was a proof to them that the turns made the air better. After this explanation I could at once see through it, and got into the secret of their idea. It was simply, that the wind having a certain velocity, however small that may be, if it came in contact with some obstruction, so as divertits course, it will fly off from that obstruction at a tangent, or the angle of which will ny oil from that obstruction at a tangent, or the angle of which with the obstruction will vary according to the velocity. It appears they felt from this reflection more or more sensible pressure, and came to the conclusion that it helped the ventilation very much; and so thoroughly convinced were they of this, that the deputy assured me that the more turns there were in a wind-way the better it was for the ventilation,

Your readers will, probably, say anybody might see that the gles and turns were real obstructions, and very much retards air in its course, but I can assure them there are at the present hundreds of our collieries, with the underground management is hands of people entertaining such ideas, and who have not the idea why and how a current of air is maintained. It is a fact idea why and how a current of air is maintained. It is a fact, ever, much to be regretted, how ever serious the consequences me that the majority of underground stewards and deputies are sele not for the knowledge, either scientific or practical, they posses because they are good physical workmen, and have earned the money. Now, this qualification speaks well for their sobriety attention to work, but it has no other recommendation. I have many good working machines covered with men's garments, working men are the right class to select the stewards and dependent of the selection involves such responsibility that green the selection involves and responsibility that green. working men are the right class to select the stewards and dep from, but their position involves such responsibility that great should be exercised in their appointment. I have seen some of men most unfit for such capacities, and the only reason a master assign for his giving him the situation was—"Well, the man al-did well for himself, and we think he will do well for us." If in "well" he could have included improvement of mind, and an an-cent of knowledge witchle for such a capacity, it would not ment of knowledge suitable for such a capacity, it would, indee "well;" and such a man, above any other, however educated, is man for the position; but when the "well" means money on is nothing but an indication of the master's leading feature is concern—money at any price. I have made a digression from subject, but was unwarily drawn into it, and must beg the indulg of your readers.

To describe the carelessness of ventilation in a great free.

places 20 years ago would startle the present generation of min and young men who have been privileged in being brought up in improving mining districts of the present day. I am happy to a great improvement in ventilation, as compared with bygone d and hope the very necessary knowledge of the laws of ventilation become more and more known.

A COLLIERY VIEWE

EXPLOSIONS IN THE OAKS AND TALKE COLLIERIE

SIR,-The terrible accidents that have recently occurred at Sale,—The terrible accidents that have recently occurred at Oaks and Talke Collieries, and the frequent occurrence of explosin other coal mines, are enough to induce the public to believe to be inevitable. Such, however, is not the case. The resource practical science are generally sufficient for their prevention, a were they resorted to and efficiently enforced, explosions would and could not happen.

The occurrence of an explosion is of itself a positive proof The occurrence of an explosion is of itself a positive proof to well-known precautionary measures have been culpably and groneglected. Twenty years ago it was as notorious as it is now to these dreadful accidents might be prevented, and were not. So a state of things naturally excited great public sympathy towarthe bereaved wives and orphans of the sufferers, and there was irresistible demand for an official Government supervision to enforce the supervision of the sufferers. a strict observance of the needful means for the prevention of a dents. The passing of the Act for the inspection of coal mines hailed throughout the United Kingdom as a certain remedy for great evil in the future.

However reasonable these hopes may have been, experience is lamentably proved that they were fallacious. Not that the mes for preventing explosions were insufficient, but that they were regarded, notwithstanding that a number of well-paid Governm-inspectors were appointed sixteen years since for the express purp of compelling a strict observance of all preventive measures. As an illustration of the working of this Act of Parliament, I ca

As a ministration of the working of this Act of Parliament, I ce not do better than refer to the evidence which has been given our Coroner's inquest, now sitting, to ascertain the cause of what has be justly termed "the greatest colliery accident ever known." Au may, perhaps, be permitted to observe that it is a shame and national disgrace that such a wholesale destruction of human should occur in a country which boasts of its high civilisation and advanced scientific knowledge. So far as the evidence her greater than the country which was the evidence because the greater than the country which was a second to the country which was the country which was a second to the country advanced scientific knowledge. So far as the evidence has gone, has distinctly and unequivocally proved that the Oaks was a very fix colliery. That it has been so ever since 1858, and remained in the dangerous condition up to the moment of the explosion. Nor we this all. As if the elements of destruction were insufficient, another than the control of the control o was added to those already existing by collecting the abundant fit damp into gasometers placed in the underground works, and lighting 800 yards of the level headings with the gas thus obtained and servoired. Some faint glimmering of the obvious danger thus propriets and the distance so lighted was reduced to 400 yards.

Now the only preceivative in such a right ground collection.

Now, the only preservative in such a mine from a calamitous a cident was a thorough and skilful ventilation. This was an impertive and an absolute necessity. Without it death to most or all the persons in the mine was as certain as that two and two mains and the mine was as certain as that two and two mains are considered. four. The explosion could not have occurred had the mine been paperly ventilated, and that it was possible so to ventilate it no other than is thoroughly conversant with the subject will venture to gain say. The evidence of several of the witnesses is unequivocal on the question, and, indeed, it is impossible to read the depositions without coming to the inevitable conclusion that the mine was imperfect

and insufficiently ventilated.

As is usual in such cases, great pains have been taken to prove the the explosions were attributable to the carelessness of the men. It has been said, as regards the Talke Pit, that a great many lamp-keys have been found on the persons of the unfortunate dead, and it has been more than hinted that the explosion was caused by their having a moved the wire-gauze from their lamps. Now, if the atmosphere the mine were in an explosive condition, it was in an unfit state for the condition of the cond the mine were in an explosive condition, it was in an unit state to men to work in, and was so in direct contravention of the first Gen-ral Rule in the Inspection Act; and, further, the fact of the men ha-ing removed the gauze from the lamps proves that they were desired to obtain more light than could be derived by the air passing through

he wire-gauze in a foul atmosphere. It is doubtless satisfactory to know how an explosion occurred, but this is only a secondary consideration. The first, and by far the most important, fact to be ascertained is whether the ventilation of the mine was such as to comply with the requirements of the law, and

to ensure the safety of the men.

to ensure the safety of the men.
So long as coroner's juries allow their attention to be diverted from the main question, and directed to less important subjects, all hope of increased safety to life in our collieries must end in disalment. There can be no doubt that if the present law had been perly administered very different results would ere this have ensued. That collieries so dangerously infested with fire-damp, and so be mentably deficient in ventilation, should have been permitted by He Majesty's Inspector of Mines to be carried on, contrary to the express prohibition of the law, appears inexplicable. If such are to be the results of the Inspection Acts, one is compelled to come to the conclusion. esults of the Inspection Acts, one is compelled to come to the conclusion the poor colliers with a false confidence they but lure them to the destruction. A fearful responsibility for the past destruction of life rests somewhere, and it is high time that responsibility should be something more than merely an honourable appendage to an official

COLLIERY EXPLOSIONS.

SIR,—Will you kindly oblige me by inserting the enclosed letter is your valuable Journal, and also the following remarks thereon:—

your valuable Journal, and also the following remarks thereon:—

SIR.—The world is every now and then startled and horrified by seeing in the papers an annoncement—"Terrible Colliery Explosion." Now, after every explosion the public feels that something ought to be done to prevent or lessa them, yet they continue to happen, with the exception that they are generally more extensive and disastrons. I believe in the story of the shot in the stored drift at the Oaks Colliery has lost ground from the evidence given at the inquest. But we learn that the seam which is worked at the Oaks Colliery I liable to sudden outbursts of gas at a great pressure from the thill or floor of the seam, also the roof being so strong as to stand for a considerable extent after the coal is worked; thus forming a lodgement for a large body of gas, which only requires a heavy fail or collapse of the roof to froce it out in an unbroken body on the collier's lamps, or, still worse, on to the nakid gaslights on the roads. Now, had the Oaks Colliery been divided out into districts or panels, with a barrier of coal between them, and each containing its own complement of men, the probability is that the explosion would be confined locally, and the loss of life reduced. The suggestion to work collieries by this system was given in the evidence of the minent viewer, Mr. John Buddie, before the Committee of the House of Commons, 1835. An example of the benefit of the panel system of working was given by Mr. Buddie in his evidence (Report of the Committee on Accidents in Mins,

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Y 2, 1885; 2298 to 2296). An explosion of gas occurred many years ago at the thaven Colliery, where his "dam door" and panel were in operation. The a doors are fixed in the openings to these districts in strong frames of timber, made of 3-in. or 4-in. planks, holted together as firmly as possible; they are ended by hinges from the roof, having a stanchion to keep them up. The vert to this colliery, Mr. Pelle, on going into the district or panel, discovered the explosion had set fire to the coal. There was no water to be had, and re was great danger in approaching the coal. The "dam doors" were let mand secured, thus keeping the ventilation off the coal which was on fire, was allowed to remain some time, when, on opening the "doors" again, restoring the ventilation so as to be able to explore the district, the fire was at to be extinguished.—Thomas Ghan: Taibach, Glamoryan, South Wales.

of restoring the ventilation so as to be able to explore the district, the fire was not to be extinguished.—Thomas Gart: Taibach, Glimorgan, South Wales.

Referring to the above letter of Mr. Gray, who, I presume, is the mager, or the under manager, of the Morfa Colliery, South Wales, which an explosion occurred a few years ago, resulting in the eath of a large number of men. If I understand Mr. Gray's letter, advocates the workings of each pit being divided into districts or nels, and that no naked lights be exposed in any of the roads leading to the workings. Will Mr. Gray inform me, through the Journal, such a principle of working was in operation at the time of the plosion, or is now adopted, at the Morfa Colliery? Also, if the so of naked lights, and the re-lighting of safety-lamps, are prohibited in all parts of the mine? If Mr. Gray can answer the foreing in the affirmative, the public and myself will have faith in his commendations, and give him credit for the best intentions; but not, we shall be inclined to think his letter was written for no ther purpose than seeing himself in print.

A COLLIERY MANAGER.

NITRO-GLYCERINE.

NITRO-GLYCERINE.

SIR,—Some time since I drew the attention of your readers to the anger attending the incautious use of Nitro-Glycerine. One of my emarks, that "it exploded by a slight concussion," was at the time atly contradicted; but in confirmation of my view, I beg to enclose ou a paragraph from the Lancet of Saturday last, and as the facts here stated may, if well known, be the means of preventing accients, possibly of saving life, you will, doubtless, think the matter of efficient public interest to warrant its insertion.

B. T. J.

"The experience of explosions from the use of nitro-glycerine urged our Gormment to pass the Act of last session, "On the carriage of dangerous goods," be penalties for an infringement of which will, it is hoped, check the trade in its dangerous compound. In America no one is allowed to ship or carry nitro-from recent experiments made with great care, concludes that the transport of he oil should be allogether prohibited, and, if wanted, made on the spot. He also found, amongst other features, that at a low temperature—and this will pecially apply to seasons like the present—to crystallises in long needles, and in his condition will explode from a blow. Consequently, under the influence of much cold, it forms a solid mass of the most dangerous nature. The same observer ascribes the cause of the recent accidents to the impurity of the nitro-lycerine, which, when acid, decomposes most readily, giving off gas and proueing oxalic and glyceric acids. When tightly corked in bottles or other vessels, the gas collects and exerts great pressure on the nitro-glycerine, which is then eagested by which this tendency may be diminished or annihilated; but the mily one that really scenes calculated to lessen the amount of accidents is the reparation of a very pure compound which shall not decompose. It would be entirely stopped."

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mining in these facts most advisable that the traffic in nitro-glycerine should be entirely stopped."

MINING IN IRELAND.—No. V.

SIR.—Before entering on the subjects of Slates, Building Stones, and Clays, it will be well to mention a few more substances procured in the development of lodes, and which constitute mines proper—by this term I mean such as require shafts and tunnelling for their prosecution. These ores are generally found at or near the surface, and are not unfrequently made useful as ochres for colourmen and paper-makers. These gossans are procured at the surface, and are oxides of iron; the action of the atmosphere decomposing the ferruginous ore. In some instances these formations are so extensive as to form an important adjunct. In certain situations, such as where water for washing to render the article fine, and where carriage to port for a hipment is cheap, a very considerable profit may be realised. The raising and washing can be performed by unskilled labour, at an assy cost—in fact, the whole manipulation of the article is inexpensive, and where it can be rendered cheap a great demand exists, an England, France, and other countries. Since the almost universal introduction of painted flooreloths, the quantities of ochre consumed a enormous in comparison with what it had previously been. Now, I am not aware of any ochre works being established in this country though I know of places where thousands of tons may be procured, under a combination of the advantages above enumerated. The whole of the gossans of a true copper lode abound in a very rich-coloured ochreous clay, admirably adapted to the painter's use: by washing it may be rendered so free from grit as to require very little grinding to mix with oil, and become a yellow paint of commerce.

In Cornwall yellow ochre has been frequently obtained under somewhat similar circumstances, but the lodes being small the supply has been partial and irregular, and the carriage generally costly. In old adits there are frequently found deposits of o

Beth the preparation, as well as a certain necessary treatment and selection of the raw material when raised from the mine.

Both carbonates and sulphates of barytes are procurable, the former in the greater abundance; they are to be found in the counties of Cork, Tipperary, Monoghan, Armagh, Kerry, and Clare. The finest ochres (yellow) are to be had in Mayo: by proper treatment in roasting a very superior red is to be obtained. I am glad to be enabled to add that both of these substances—that is to say, barytes and ochre—are about to be properly tested by English gentlemen; parties are at present in Ireland with that object in view. One I know will have all the experience and ability brought to bear on it that the most anxious adventurer can desire, and I have little doubt of his favourable opinion, and of the successful application of modern and approved adaptations. Shoull these prove as I anticipate, they will undoubtedly assist in and lead to the development of the more valuable metals beneath and associated with these surface deposits. When the lodes become remunerative from the commencement, though they cover only part of the outlay, yet they become very encouraging and attractive to adventurers, in contradistinction to the too frequently hope-deferred practice.

couraging and attractive to adventurers, in contradistinction to the too frequently hope-deferred practice.

I hold and maintain that in Ireland vast lodes exist, which may be wrought profitably, and profits soon made, from the fact of the mines being shallow, frequently in mountain sides, requiring but little machinery, and that machinery can generally be worked by water-power. Bismuth and tin are reported as having been found occasionally, the former in Donegal, the latter in Wicklow. After a most diligent search for tin, I failed to detect even the slightest traces of it in the Wicklow granite and surrounding slates; nor did occasionally, the torner in transfer and surrounding slates; nor did I find any granites which in Cornwall or Devon would be deemed favourable for stanniferous deposits. I have seen specimens said to be from Wicklow; and were they not authenticated by names as the finders, who are gentlemen beyond suspicion, their originality would be questioned by those accustomed to tinstone. Their extreme rarity, even in cabinets, is sufficient proof of scarcity, and the presence of even in cabinets, is sufficient proof of scarcity, and the presence of lead in the Wicklow granites would lead to the presumption that the tin, like the gold of that district, may exist, but too sparingly distributed to be of consequence in a mining point of view; still the knowledge of their being in the rocks are evidences of the variety and mineralised character of the strata.

No substance, however apparently trivial, should be allowed to escape the notice of the geological student or exploring miner, as if the article itself be not of present value it may be indicative of some-

thing not immediately apparent, but, nevertheless, important in ar-

thing not immediately apparent, but, nevertheless, important in arriving at conclusions.

The exhibition of specimens in the rooms of the various Dublin institutions display an immense collection and variety of useful productions. Strange then, indeed, is it that with all these evidences, and with the most convincing of proofs—rich productive mines at work, the prices of which, during the late depression of mining property generally, have been of unexampled steadiness,—still the mines of Ireland, as a whole, have been neglected, or but partially and unfairly tried. The object of these papers is to set the matter in its true light; and, now that the Fenian mania is at an end, some of the surplus capital that must be invested in such works may be expended in a country which offers every conceivable advantage, as may, I presume to think, be gathered from the facts I have detailed, culled from many years' practical observations, and known in detail to a large number of practical miners, whose information and assistance I now gratefully acknowledge. I purpose shortly to introduce the subjects of slates, clays, &c. — George Henwood.

LLANBERIS SLATE COMPANY.

LLANBERIS SLATE COMPANY.

SIR,—I quite acknowledge the truth of the remarks by "A Man of Experience," which appeared in your Journal of the 12th inst., although in fairness to Mr. Emerson I cannot but feel that they were uncalled for in the present instance; for, as the Llanberis Slate Company has until now been engaged almost entirely on "dead work," the mention of 60,000 slates having been made in November was intended merely as an announcement that slate making had commenced on some of the floors. From Jan. I the monthly reports will be forwarded to the Mining Journal, and, doubtless (with the usual courtesy of the Editor), duly inserted. These reports will contain not only the number of slates made, but the various sizes, and any other information likely to interest the shareholders and the public.—Size-lane, Bucklersbury, Jan. 18.

THE SECRETARY.

FRONTINO AND BOLIVIA COMPANY (LIMITED)

FRONTINO AND BOLIVIA COMPANY (LIMITED).

SIR,—The directors think it their duty to notice the letters of "X. Y. Z." and of "A Shareholder," in your last number, and have instructed me to make the following communication in reply. It is quite true that there has been some insubordination at the Bolivia Mine; that in the month of October the English miners laid claim to the gold produced in that month. Insisting on its being applied to the payment of their wages; and that Mr. Roueth anthority, as the principal agree of the company, has been resisted. It is also true, as the directors believe from what they have heard, "that private advices" to that effect have been received. These private letters were not, however, addressed to the directors, or any of them, nor had they for some time any knowledge of them, but were sent to a former officer by some of the company's present officers at Bolivia, who were them selves the leaders in the movement. It is right the shareholders should know that it was the unsatisfactory conduct of one of the officials in Bolivia that caused the directors, at the latter end of 1885, to engage and to send out Mr. Rouch. That gentleman's character and qualifications induced them to confide in him, and his subsequent conduct has 2 to diminished their confidence.

The original objects of Mr. Rouch's mission were to correct and put in order much that had been neglected and mismanaged; to ascerian the condition, boundaries, and value of the mines; to see that the conveyance of title from the former company was complete, and in legal form; to take proper steps for received the proper steps and the proper steps for received the proper steps and the proper steps and the proper step of the proper step of the proper step of the prope

I met with the agent, who was left in charge of the materials; he pointed out the different lodes, and informed me that since the engine had been idle he had cut a large iron lode. I went to see it, and I should say the lode is from 12 to 15 ft. wide—a large masterly lode, composed of red and white iron, and occasionally stones of lead. This is a lode of great promise, and of itself a first-rate speculation, as good iron could be raised for the market at once. I wonder if the shareholders in the mine are aware of such a lode being opened in their sett; if so, I am surprised to think something is not doing. Much may be said in favour of this district, and when we look at the immense returns of East Wheal Rose and Old Shepherds, I am inclined to think it the best silver-lead district in Cornwall.

CARGOLL MINE for many years was in a tottering state, but by perseverance in keeping dows the engine-shaft made good discoveries, and for some time stood in the Dividend List; and by good management it is likely to become a first-class paying concern. The engine-shaft is in course of sinking below the 130 fm. level, and at this point a rch course of silver-lead ore has been met with, superior to any ever seen in the mine.

GREAT RETALLACK, after driving the adit level for years, have now confined their operations to sinking a new engine-shaft, where they have a most promising lode, which will yield full 1 ton of rich silver-lead ore per fathom. This mine is likely to turn out a great prize.

Let us look for a moment at WEST CHIVERTON, and see what the 90, 100, and 110 fm. levels have made. What is the result of deep levels? Riches in abunbance. Deepen your shafts, young mines. You must go deeper to find leadores in paying quantities, and I have every reason to believe if the young mines in Newlyn district were properly developed the shareholders would receive great rowards for their outlay. Deepen your shafts, and great will be your reward.

OLD WHEAL RUSSELL, AND SOUTH BEDFORD.

OLD WHEAL RUSSELL, AND SOUTH BEDFORD.

SIR,—We have heard "Justice" and "Right" on this subject, but "Right" is wrong (not for the first time in this world), and his letter might have been written by a lawyer. Now, it is of importance to note that the Wheal Russell lease and sett were granted some three or four years after that of South Bedford [case and sett were granted some three or four years after that of South Bedford [case shows, the south boundary of South Bedford, for several years before Wheal Russell was in existence. The late Mr. John Hitchins, who was both surveyor and mineral agent for the Duke of Bedford, apportimed both setts, and made both maps; and in the map he made for old Wheal Russell this horrid "pink line" (as fatal to the Russellites as Sir Colin Campbell's "thin red line" was to the Muscovites at Baiaklava) is their north boundary. As to the 1000, spent on our sett in driving 30 fms. of ground on the course of the lode, and putting up a small horse whim, if this be true I pity the shareholders—but query? Tho rest of "Right's" letter is "mere leather and prunella."

ANOTHER SHAREHOLDER.

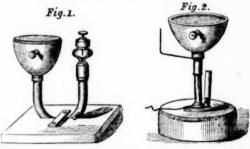
ANSELL'S FIRE-DAMP INDICATOR FOR COAL MINES.

ANSELL'S FIRE-DAMP INDICATOR FOR COAL MINES.

Recent events have given great interest to the invention of Mr.

ANSELL. It is hardly to be expected that Mr. Ansell would have left his indicator as it was when first introduced, especially as he has largely tested the instruments in coal pits in the positions where they would be required for use. They entirely answered the purpose for which they were proposed—the indication of fire-damp, when accumulating either slowly or rapidly; but there were objections which on the face of them were serious, and which by practical men were considered fatal, unless under exceptional circumstances. Guided by the opinions then expressed by those most concerned, Mr. Ansell endeavoured to find a more simple form of instrument, which could be readily understood by a workman of ordinary intelligence. In coal pits there are many casualities—including the bulk of the accidents arising from explosion—caused by a sudden irruption of fire-damp (carburetted hydrogen) to such an extent as to render the atmosphere in even a mile of space explosive in a few minutes, and there are cases on record where an enormous space has been so polluted in a few seconds; but the common event is to find that a fall of roof, or the breaking in of a thin part in the sides or floor of a gallery, liberates an amount of gas which, by mixture travels on slowly with the ventilation, till presently it meets a light, and possibly an hour after its first formation destroys many lives. In all such cases Mr. Ansell proposes to use an instrument, of which Fig. 1 is a sketch.

Fig. 2.



The ophocies with which fix. Bount corginally was sent-out did not require that we should not for power, and charged avoidance of the crimentance, thought with the fixed property. At some as this was known to the board, steps were humoclarity of the horist fixed, and to enable in the controls to the control of the contr

and the indicator held by its handle in the suspected place for the time specified

on the instrument—about one minute.

It must be mentioned that the same amount per cent, of fire-damp in different mines requires a varying time for diffusion through the same tile. The cause of this is at present unknown, but it is under investigation. The time var.es from 45 seconds to 60 seconds, but in the same pit it is invariably of a uniform time, so that once determined there is no trouble. That this is a property of the gas is proved by the fact that 10 per cent. of gas in one pit will explode violently, while 10 per cent. in another pit explodes with much less violence. The underriewers call one a sharp gas and the other a slow gas or fire, and the difference is perfectly well marked if observed for a few times in the lamp. A mine, to be well ventilated, should be so supplied with air that a considerable irruption should be diluted below the point of explosion. Ventilation which is only sufficient for ordinary occasions must be considered entirely insufficient.— Chemical News. Chemical News.

Meetings of Mining Companies.

ROYAL COPPER MINES OF COBRE.

ROYAL COPPER MINES OF COBRE.

The half-yearly general meeting of shareholders was held at the offices, Gresham House, on Tuesday.

Mr. HENRY RIVERSDALE GRENFELL, M.P., in the chair.

The report of the directors stated that on December 13 the registrar granted his certificate of the registration, as a company with ilmited liability, with a capital of 12,000 shares to 50% each. Out of the 12,000 share the names of the holders of 10,635 shares are now on the register. At the last half-yearly general meeting, after reading the report of Mr. Petherick, dated July 20, 1806, a price of the machine of the meeting of the property of the pr

The CHAIRMAN said that as the present meeting was held only for the purpose of adjournment, it was not necessary for him now to make any statement. He might, however, call to mind the fact that at the last meeting it was stated the board were not quite satisfied with the management at cuba, and accordingly Mr. Petherick had selected Mr. Clemes for the purpose of thoroughly investigating the company's property. The directors received a preliminary report from that gentleman on Dec. 10, which induced them to determine upon calling the shareholders together at an earlier date than usual, in order to lay before them the exact state of the company's affairs. The small produce from the mines for the previous two mouths had led the directors not to be surprised at the nature of Mr. Clemes's report, and therefore every preparation had been made accordingly—in fact, acting as if it might be necessary to close the mines altogether. Of course, that could not be done, and he only mentioned it to show that the directors had taken the necessary steps in case the mine should appear not to hold out any prospects of being profitable in future. The mail which arrived subsequently to Mr. Clemes's report did not bring any letters, and therefore they had to wait for the French mail for Mr. Clemes's full report. He might state that report bore out the statements made by Mr. Clemes in his previous letters, but at the same time held out expectations by the adoption of a thorough change in the policy previously pursued, as recommended by Mr. Petherick, and also by the previous mining captains. The directors thought they could not submit that complete report to the shareholders, and express their views upon it, without being first fully examined by their mining advisor, Mr. Petherick. For that reason it was proposed to adjourn the meeting for a fortnight (which would be the time the meeting was agenerally held, the 20th), by which time Mr. Clemes's report, with remarks upon it by Mr. Petherick, would be in the hands of shareholders, in

ST. JOHN DEL REY MINING COMPANY.

The adjourned special general meeting of shareholders was held at the London Tavern, on Jan. 12,—Mr. J. D. POWLES in the chair. The object of the meeting was for the further consideration of the special resolution for increasing the remuneration of the directors.

It will be remembered that at the meeting of which the It will be remembered that at the meeting of which the present was an adjournment the Rev. David Robinson, Mr. Spencer Herapath, Mr. Henry Copland, Mr. E. H. Lawrence, and Mr. A. Langdale, were

Mr. Henry Copland, Mr. E. H. Lawrence, and Mr. A. Langdale, were appointed a committee to confer with the board upon the subject.

The CHAIRMAN said that, in pursuance of the resolution passed on Dec. 12, appointing a committee of shareholders to confer with the directors upon the question of their increased remuneration, two conferences had taken place, the result of which was that in lieu of the proposal submitted at the last meeting, to the effect "that, in addition to the remuneration provided for by the 57th Article of the company's regulations, in every year in which a dividend or dividends amounting to 15 per cent, on the amount paid on each share (161.) shall be declared, which would be equal to 21. 5s, per share, such sum shall be allowed to the directors as shall be equal to 1 per cent, on the gross amount appropriated for such dividend or dividends," the directors had modified the resolution to the effect that the 1 per cent, should not take effect until 51, per sharehad been paid in dividends in the year, and that it should not extend beyond 81, per share. The committee proposed "that the increase in the remuneration of the directors he either 15 per cent, upon all dividends paid, or 1 per cent, upon all dividends paid in excess of 41, per share. The practical difference between the two propositions was equal to about 14 in 14. which did not appear to him to be a very important consideration in the midst of the splendid success of their comvery important consideration in the midst of the splendid success of their comvery important consideration in the midst of the splendid success of their comvery important consideration in the midst of the splendid success of their comvery important consideration in the midst of the splendid success of their comvery important consideration in the midst of the splendid success of their comvery important consideration in the midst of the splendid success of their comvery important consideration in the midst of the splendid success of their comvery in the control of t

He said he envied not the feelings of the man who could get up and put such a prestion. (Hear, hear.) He had heard it acknowledged homesty, histafully, the mount of the control of the company were aware to whose untringeforts and zeal the company were aware to whose untringeforts and zeal the company ower of the company were aware to whose untringeforts and zeal the company ower of the company were aware to whose untringeforts and zeal the company ower of the company were aware to whose untringeforts and zeal the company ower of the company were aware to whose untringeforts and zeal the company ower of the company were aware to whose untringeforts and zeal the repeated that each director and himself were legally qualified. The resolutions for which the present meeting was convoend were now before the meeting.

The same of the company was expected that each company to the company of the committee of the committee has been amount for enumeration with the amount paid by the greatest corporation in the City of London, such as arilways, banks, &c. For Instance, the Bank of England, the largest of all corporations, paid its directors 3004, per year; and the East India Railway, the largest of the Indian railway companies, paid its directors not more than 1604, per year—hence it was the committee appreciated the value of the "persevering tenality" of the Chairman in the early history of the company, and should be very sorry indeed, now that it was in prosperity, not to fully recognise those services; but, at the same time there was a limit to all ilberailty. If the argument of the Chairman was worthany. It is a superior of the company to the member that help and a most effective stating at the suince, which, very properly, was most liberaily add, but the board took all the credit of the success of the company to themselves. He (Mr. Herapath) had never hesitated to recognise the able and peculiar services rendered by Mr. Hockin, but at the same time the board they find the success of the company to the member the hand o

ecord their opinion by proxy.

The resolution having been declared duly carried, the proceedings terminated.

Royal School of Mines.

MR. WARINGTON SMYTH'S LECTURES ON MINING.

MR. WARINGTON SMYTH'S LECTURES ON MINING.

Lecture XXII.—Having given a brief attention to the subject of quarries and similar works which are open to the light of day, the lecturer proceeded to those which required artificial light, and to pass under review the various kinds of apparatus with which miners armed themselves before setting out on their journey downwards. Where there are inflammable gases it is necessary for the miners to surround themselves with particular precautions, but in ordinary metalliferous mines the best lights were those which were most easy to carry, the most economical, and which possessed the largest liluminating power. In extensive excavations, where large bodies of ore are removed, torches have been some times used, and were, no doubt, very much employed by the ancients in getting auriferous quartz. In Scandinavia torches of pine wood are used to this day, but the smokethey produce makes their use impossible except in peculiarly open positions. Candles and lamps are, however, smouth more convenient to carry and to work by, that they are now (except in such cases) universally adopted. A great deal of the usefulness of candles depends upon the materials of which they are made. Too often those materials are of a deleterious nature; sometimes they make more smoke than they ought to do, and some kinds waste more than others. These are details which, coupled with the variations in price, mining engineers will find it necessary to attend to; and it was only the other day an ensuate took place arising out of nothing but a difference as to candles. In arranging with the miners as to payment, it is some times agreed that they shall provide the candles, but it will be more satisfactory if the master does this, because he can buy of the best manufacturers, and will then be certain that nothing deleterious is used. The size of the candles used varies according to the different purposes for which they are required. In the large excavations made for working rock sait, where there is little draugh propositions was equal to about 1d. in II., which did not appear to him to be a very important consideration in the midst of the splendid success of their company. (Hear, hear.) He hoped the midst of the splendid success of their company. (Hear, hear.) He hoped the midst of the splendid success of their company. (Hear, hear.) He hoped the midst of the splendid success of their company. (Hear, hear.) He hoped the midst of the splendid success of their company. (Hear, hear.) He hoped the midst of the splendid success of the solid to the splendid success of the solid succe

number of cases of breakage were extremely few. Dr. Clanny's lamp was an exceedingly good one, although there were objections to it also; and there were controlled to the specially mentioned by the producing by parabolic reflectors an admirable light. It was, however, rathous light in its construction. But the whole series of lamps, however good the construction, would, even if they were faultless, be insufficient to ensure safe, and the series of lamps, however good the construction, would, even if they were faultless, be insufficient to ensure safe, and the series of the construction and the light is the part of the cover parts out the light; they have a lamp in which the unscrewing of the cover puts out the light; that may be evaded by inserting a pin through the gauze. One of the best these contrivances is that of M. Dubrullier, the effect of which is to draw down the wick so that the light must be put out. Another good one was that of y Mueseler, much used fin Belgium, and that of M. Eloin, not used so largely. But these have all the elements of security, and have been tried in fiery places; but he see have all the elements of security, and have been tried in fiery places; but he light were sobject to there having so much glass, and the Davy and Georgia will be long before they are displaced in this country.

LECTURE XXIII.—Is is only as we become familiar with the moof laying out the workings of a coal mine that we can fully appra.

claimed the workings of a coal mine that we can fully apperion of laying out the workings of a coal mine that we can fully appear of the theorem of the coal mine that we can fully appear on the theorem of the coal mine that we can fully appear on the theorem of the coal mine that we can the coal mine rohil

forgotten that some portion of what would otherwise be profits must never be devoted to exploratory work, from which eventually future profits may be expected to arise.

THE MINERAL RESOURCES OF AUSTRIA. - Mines exist upon almost every portion of the empire, but Hungary and Transylvania possess abundance and variety of minerals seldom to be found in other coun every portion of the empire, but Hungary and Transylvania possess as abundance and variety of minerals seldom to be found in other countries. All metals, with the exception of tin and platinum, and almost all the earths and saline matters capable of application in the arts, have been met with in the Hungarian provinces. Native gold is found in the porphy? and in the sedimentary deposits of Transylvania, as well as in the schistose rock of Bohenia and the Tyrol. Silver mines occur in dungary, Bohenia, the Tyrol. Transylvania, the Banat, Salzburg, and the Tyrol. Bohenia produces larg quantities of lead ores; one-half of the Austrian lead comes from Corinthis; Hungary furnishes one-fourth; and almost all the remainder comes from Bohenia. One-half of the mercury employed in Europe is obtained from the famous mines of Idria. With the exception of Lower Austria and Daimatia, all the previnces of the empire furnish large quantities of iron. The iron mines of Styfa and Carinthia are inexhaustible, and the product is of excellent quality; scarce's any but the Swedish Iron can at all compete with it. Lead is obtained principally from Carinthia and Carintola; and the product is of excellent quality; scarce's graphite, blue and green vitriol, and arsenic, from Bohemia and Hungary; suphur from Gallicia, Salzburg, and Croatia, the Tyrol, and Daimatia; rock salt from the Carpathians, and principally from Gallicia (where the mines of Wellezka and Bohenia; asphale from Croatia, the Tyrol, and Daimatia; rock salt from the Carpathians, and principally from Gallicia (where the mines of Debrezin; coal from Bohemia, Hungary, Silesia, and Moravia. In Bohemia there are two principal basins, the onegiving a good quality lignite, the other an anthractic coal, well adapted for 67.

ufacture of coke. In Moravia, near Brünn, is the Rossitz basin, and to h-east is the Ostran basin, which is a prolongation of that of Prussian both glying a good bituminous coal. In the provinces of Upper and ustria, Styria, the Tyrol, and Carinthia lignite prodominates; in Dailastria, Styria, the Tyrol, and Carinthia lignite prodominates; in Dailastria, Styria, the Tyrol, and Carinthia lignite prodominates; in Dailastria, Styria, the Tyrol, and Forman of the History thick seams of bitaminous coal. In vania and Gallicia lignites alone are found, and lignites are almost alone in Hungary and the Banat. Opal is found in Hungary, and Bohemia various precious stones, and the white porcelain clay in the well-known ware, so justly esteemed.

ENGLISH ENTERPRISE IN RUSSIA.

ENGLISH ENTERPRISE IN RUSSIA.

Control of the company and the white porceaning the wein show the state of the Russian empire afford an enorable of the company and the state of the result of the company and the state of the result of the res

and from 19,000*l*. to 10,000*l*., and in St. Petersburg from 2300*l*. to 500*l*., besides paying for all the litigation. When those were exinguished he believed that the shareholders who remained would be session of a very valuable property.

SALES OF COPPER ORES.

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ost un-

ani	SAILS OF COFFER ORES.	Jenning's Ore 4 34 16 0	ground in reserve. Had many mines, selling enormous quantities before the
and	COPPER ORES SOLD AT THE SWANSEA TICKETINGS FOR THE	Old Gunnislake 14 22 15 0	panic reached its grand climacteric, acted as judicially as the Drake Walls ad-
OBI	QUARTER ENDED DECEMBER, 1866:-	I vey's Ore 11 22 0 0	venturers, many a bal whose prospects are gloomy would now be in a most prosperous condition. Grambler and St. Aubyn has gradually improved, it being
	Mines. Tons, Amount,	Crane 16 5 6	perous condition. GRAMBLER AND ST. AUBYN has gradually improved, it being
er	Berehaven£ 7,279 16 6	Pembroke 10 13 10 0	considered unnecessary to make a call at the meeting just held. This mine was
ked	Ballyeumnisk 120 537 0 0	Wheal Clarence 6 10 10 0	once rich for copper, and pald good dividends, the shares rising from an almost
M)	Cronebane 62 503 13 0	Daniel's Ore 7 15 0	worthless sum to about 120%, per share. They can now be had at a compara-
600	Connorree 9i 223 10 6		tively low price. The manager concludes his report as follows:—" Having several important points, which will be reached in the next few months, requiring but
be		COMPANIES BY WHOM THE ABOVE WERE PURCHASED :-	important points, which will be reached in the next few months, requiring but
ole.	Total	Names. Tons. Amount.	small outlay, in addition to our returns, I think, when they are proved, that we
131	Total	Vivian and Sons	shall be well repaid for the expenditure by the opening of a profitable concern."
nd.	Wallaroo £ 6,026 2 0	Freeman and Co. 1856 9.113 15 6 P. Grenfell and Sons 3264 16,496 0 4	COOK'S KITCHEN and SOUTH CONDURROW meetings are now in hand. At the
67	Newtoundland 5,641 4 0	P. Grenfell and Sons	former mine the accounts will show but a small debit balance. South Con-
Di	Cape Ore 230 4.755 12 0	Sims, Willyams, and Co 3822 13,216 2 3	DURROW looks better. The call will be much less than the previous one. STRAY
01	Cape Ore	Williams, Foster, and Co	PARK (adjoining Dolcoath, and on the same rich lodes) is looking more promis-
the .	Concordia 82 829 9 6	Mason and Elkington	ing in driving at the bottom level. The principal feature in this mine (which is
ge	Pomona 21 566 9 6	Bankart and Sons 1697 6.165 15 6	divided into 920 shares, upon which 411, 8s, per share has been paid, including
(0)	New Cornwall 60 549 0 0	Copper Miners' Company	call of 6901.—15s per share—made on the 16th inst.) is the sinking of the engine- shaft. Shares, which are now at about 51., were a few years since at 651.—a dif-
86,	African 6 135 12 0	Charles Lambert	shaft. Shares, which are now at about 51., were a few years since at 651 a dif-
16.	Australian Ore 13 107 8 0	Newton, Keates, and Co	ference of 55,200l, on the concern. At NORTH ROSKEAR a call of 1l. 2s. per 1-698
ay		Sweetland, Tuttle, and Co 1584 6,101 12 9	was made. There are two or three points of great interest shortly coming off.
Dt	Total 2118 £20,735 12 0	Penciawdd Copper Company 1463 6.939 17 6	and the same of th
0/	Total 2118 £20,735 12 0	Hadland and Co	TESTING SILVER ORES.—An improved mode of treating sulphu-
(II)	Cuba 572 £ 5,575 7 0	Goole Alum Company 472 1,508 4 0	retted silver ores has been introduced by Mr. A. HUNTER, of Cali-
7	Californian 5,348 1 6		
15	Var	Total 32,183 £135,973 6 6	fornia, which it is claimed is especially applicable to the treatment
161	Var		of low-produce silver ores, which by the present mode involve a large
16.	0.00		percentage of loss. The only reason assigned for continuing that wasteful mode
In a	Total 1576 £13,799 10 0	[ADVERTISEMENTS.]	is the great cost of submitting the entire mass of the ores to the fire process.
10	RECAPITULATION.		By a cheap method of concentration, by which only the sulphurets need be roasted.
24	British 1281 £ 8.544 0 0	From Mr. EDWARD COOKE:—There has been a steady business doing during the week; the course of the Mining Market looks very encouraging,	By a cheap method of concentration, by which only the sulphurets need be roasted, this expense must be materially reduced, and a large increased gain realised.
1. 1	Colonial 9118 90 725 19 0	doing during the week : the course of the Mining Market looks yery encouraging	The economy of the idea rests wholly in the cost and efficiency of the concen-
. 8	Foreign. 1576 13,799 10 0 Regulus and precipitate. 167 4,489 6 0	and there is every prospect of an active period during the spring of this year.	trators. Mr. Hunter says—for reducing the ore, use the ordinary battery and a
L.	Regulus and precipitate 167 4.489 6 0	The prices of metals are more favourable to the holders of mining stock than for	No. 6 screen: concentrate in front of the battery, and as the sand passes off from
DE U	Sludge and sundries 40 189 3 6	a long time past. Tin continues firm, with a good prospect of another advance.	the tables pass it over a fine screen of No. 80, of 6400 meshes to the square inch.
5 161		The standard for conner ore was again higher at the weekly cale on Thursday	The water and slum pass through the screen, and are run into tanks, and settled.
2 80	Total 5172 £47,757 11 6	last, at Truro. The advance in the price of copper ore of the average quality	The only machinery necessary for the above process is the ordinary battery con-
2.36		last, at Trino. The advance in the price of copper ore—of the average quality—during the past month is about 10s. to 11s. per ton. This to a mine like Prosper United makes a difference of some 2007, to 2501, per month; and the advance of the control of the cont	centrators and a few amalgamators for working the slum. The sulphurets of
. 39	COMPANIES BY WHOM THE ABOVE WERE PURCHASED:-	Prosper United makes a difference of some 2007, to 2507, per month; and the ad-	ordinary silver ores, when concentrated, will average about 5 per cent., or 100 tons will give 5 tons of sulphurets. The average cost of per deducing, concentrating, and working is 88 per ton or extracting at least 80 per cent. of the silver
	Names. Tons. Amount.	vance in the price of tin during the same period makes a difference in favour of	tons will give 5 tons of sulphurets. The average cost of reducing, concen-
de e	Copper Miners' Company	the shareholders in this mine of at least 100%, per month. Seeing, therefore,	trating, and working is \$8 per ton or extracting at least 80 per cent. of the silver
. 4	Freeman and Co. 275 2,557 3 3 Grenfell and Sons 599 6,034 10 0	that before the late rise in the price of copper and tin took place the Prosper United Mines were making a good monthly profit, there is every prospect of the	contained in the ore as per fire assay, and scarcely any waste of quicksilver. By
1	Grenfell and Sons 599 6,034 10 0	United Mines were making a good monthly profit, there is every prospect of the	the ordinary process now in use for low grade ores, extracting only about 60 per
	Sims, Willyams, and Co 368 5,736 5 0	original shareholders, whose shares have cost them 81. to 101. each, soon being	cent. of the fire assay, the cost for working is about \$15 per ton; and for high-
	Vivian and Sons	enabled to realise cost price for them, if they feel disposed to sell. At the meet-	grade ores, where 80 per cent. Is guaranteed from the fire assay, the cost is from \$35 to \$45 per ton. The difference of the cost of working and the cost of ma-
1	Williams, Foster, and Co 619 6,202 0 0	Ing next month there will be an excellent statement presented, and a dividend	\$35 to \$45 per ton. The difference of the cost of working and the cost of ma-
. /	British and Foreign Copper Company 3 125 11 0	of 5s. per share declared. Instead of the shares standing at 4l., they should	chinery is easily calculated, and the shousands of tons of low-grade ore that would
4	Williams, Foster, and Co. 619 6,202 0 0 British and Foreign Copper Company 3 125 11 0 Mason and Elkingtooper Company 353 3,877 17 7	properly be 6l. to 7l., and this, being less than has been paid on them, is by no	not pay to work will prove highly remunerative for the capital and labour expended by the use of the above process.
	Bankart and Sons 419 3 252 16 6	means an unreasonable price for them. Why Great North Downs shares, upon	pended by the use of the above process.
	Charles Lambert 668 3,748 0 10	which calls are regularly made-and there is one pending now-should be sell-	
4 5	Sweetland, Tuttle, and Co 197 2,138 3 10	ing at about the same price as Prosper United shares is one of the anomalies of	CHEMICAL PRODUCTS CONNECTED WITH MINING.
	Penclawdd Copper Company 628 4,820 11 0	mining. Either one is selling very high, or the other at a ridiculously low	Antimony-Reguluston £34 10 0 Cop. sulphate, 1st qual. cwt. £ 1 6 0
12	Landore Copper Company 96 1,060 17 0	price. WEST CHIVERTONS have had a rise of several pounds during the week.	English bowlcwt. 1 14 0 Secondscwt. 0 14 0
100		This splendid mine is looking better than ever.	French starcwt. 1 14 6 Copperas—Greenton 2 17 6
3	Total 5172 £47,757 11 6	There is a lead mine that at the present time is deserving of the attention of	Arsenic - White lump cwt. 0 15 6 White, foreignfon 12 0 0
1 1 1 1		anyone inclined to buy. It is certainly one of the best progressive lead mines	White powderedcwt. 0 7 0 Litharge—Flaketon 22 0 0
		in England. I allude to CALDBECK FELLS. I am informed that the call of 5s.	Barytes-Carbonatecwt. 0 4 6 Groundton 22 10 0
100	MK. NICHOLAS ENNOR.—We regret to learn that during the present	just made will pay for all the new machinery, and leave a good balance in favour of the company. I consider Caldbeck Fells is destined to become one of	Nitrateton 6 10 0
- Inc	ment weather Mr. Ennor had a fall, which caused a compound freature of	the greatest lead mines in Cumberland. The shares, with 30s, paid, may now	Sulphate
100	right leg. This unfortunate accident will prevent him for some time attend-	be bought at about 10s. discount. I cannot too strongly recommend this mine	Bismuth
In	to his engagements.	to the notice of the public generally. The thorac are limited to 1	Brimstone—Secondston 6 17 6 Strontian—Carbonatecwt. 0 12 0
	THE RAILWAY ALMANAC.—The edition of this almanac for the	to the notice of the public generally. The shares are limited to 21.; therefore, the utmost liability is only 10s. per share, and of which it is not probable that	Refinedton 10 10 0 Nitrate
-	and the state of the state of the state of the	5s. will be required to bring Caldbeck Fells into the Dividend List. Sir Robert	Sulphur, flowerscwt. 0 12 6 Venetian redcwt. 0 6 0
ba	ment year, compiled by Mr. WILLIAM PAGE SMITH, of the "Railway Record,"	Briscoe, the Chairman of the directors, who holds a considerable interest in the	Ditto, vivumcwt. 0 8 0 Zinc-Oxideton 26 0 0
00	Just made its appearance, and gives evidence of the same enormous amount care having been bestowed upon its production, which, as the greater portion	mine, is an excellent man of business, and the name of a gentleman connected	Cobalt—Black oxidelb. 0 16 0 Sulphateton 14 0 0
of	the book consists of really ably written original articles, must not be consi-	with the direction of an important railway has been mentioned as likely to join	
de	ed as synonymous with compilation, as has characterised it in former years.	the board of directors of the Caldbeck Fells. East Lovell shares have not re-	HOLLOWAY'S OINTMENT AND PILLS-USEFUL KNOWLEDGE,-
		sponded either to the price of tin or the improved position of the mine. With	The successful treatment of the great mass of diseases is not so great a mystery
		the prospect of a good dividend at the next meeting, and the cutting of the lode	as many may suppose. Purify the blood, cleanse the liver and stomach, and the
		in the 60, there is a margin for a rise of several pounds per share during the next	absorbent system will immediately right itself. Both medicaments may be bene-
		month or two without a corresponding risk of a decline. The advance in the	fieldly need by the most inexperienced under whose care the very worst of cases
		price of tin, in particular, will benefit Wheal Basset to a great extent. With a	will progress favourably, and terminate happily, by using Holloway's celebrated
An	d other subjects. The almanac is one which well deserves a place in the	little further advance large bi-monthly profits will again be divided by the	remedies according to the instructions wrapped round each pot and box. These
00	enting-house of every man of business.	price of tin, in particular, will benefit Wheal Basset to a great extent. With a little further advance large bl-monthly profits will again be divided by the shareholders, probably to the extent of 4t. or 5t. per share. There are hun-	will progress favourably, and terminate happily, by using Holloway's celebrated remedies according to the instructioners of the kidney and bowels, and will be renowned remedies cure all disorders of the kidneys and bowels, and will be
		I dreds of fathoms of tin ground standing between the present workings of Wheal	found superior to all other means for mitigating the sufferings of those unior-
1	Platinum has been discovered in large quantities in New Zealand,	Basset and the boundary of South Wheal Frances, so that there is not any	tunately afflicted by incurable maladies
108		the same of the same o	

SALES OF COPPER ORES.

COPPER ORES SOLD AT THE CORNWALL TICKETINGS FOR THE

OPPER ORES SOLD AT THE QUARTER ENDE	CORNWAI D DECEM	L TI	CKET:	INGS I	OR	TH
Mines.		Tons.		Am	ount	. 6
Clifford Amaigamated		3099		10,528	17	6
South Caradon West Seton		1420		10,328 7,598	12	6
Wheal Seton Prosper United	• • • • • • • • • • • • • • • • • • • •	1828 1272		7,073 4,869	8 5	0
Marke Valley East Caradon		1333		4,163	16	6
Cara Brea		946 622		3,688	11	6
Wheal Friendship West Wheal Tolgus East Carn Brea Carn Camborne Wheal Basset	••••••	437		2,858	9	6
East Carn Brea	**********	662 635		2,712	6	6
Carn Camborne Wheal Basset	••••••	486	•••••	1,282	16	6
Wheal Basset		643		2,218	15	6
Par Consols		391 374		2,166	13	0
Brookwood		507 403	•••••	2,111 1,985	7	6
Fowey Consols		520		1.860	4	0
Great South Tolgus		505 405	******	1,765	. 0	6
West Damsel	••••••	454 378		1,684	15	6
Hingston Down		510		1,576	10	6
Okel Tor		510 260	•••••	1,504 1,434	13	6
North Treskerby Bedford United West Basset	•••••••	321 337	•••••	1,420	17	0
West Basset		261		1,175	6	0
Hallenbeagle Devon and Cornwall Gawton Copper Botallack Craddoek Moor		302		1,142	12	6
Gawton Copper	••••••	353		1,071	9	0
Craddoek Moor		245		958	18	0
West Caradon		161 220	•••••	906		0
Dolcoath		184		791	15	0
Phonix United		140 187		780 755	7	0
Wheal Emma Crenver and Abraham East Rosewarne	• • • • • • • • • • • • • • • • • • • •	148 208	•••••	699		6
East Rosewarne		119		678	19	6
Bampfylde South Dolcoath		139 118		669		6
West Sharp Tor East Wheal Basset		158	•••••	520 519		0
Prince of Wales		76		509	12	6
East Russell Fursdon		110 72		508 457		6
Fursdon Rosewarne Consols Tolcarne Camborne Vean	••••••	90 112		392		0
Camborne Vean		104		350	0	0
Wheal Crebor	*********	105	•••••	334 330	14	6
Crelake		90 126	•••••	309	10	0
East Grenville		121		295		6
East Grenville Treleigh Consols Copper Hill Grambler and St. Aubyn	*********	97		289 283		0
Grambler and St. Aubyn Levant	••••••	52 87		264 250	18	6
North Grambler		50		249		6
Mellanear Treffry's Regulus		119		245		0
North Downs		54 81		226		0
Wheal Margery North Roskear New East Russell	•••••	55		211 204	17	6
St. Day United		35 54		200 191	7	6
New Treleigh		50		183	15	0
Tincroft Champion's Ore		50 74		181		0
Wheal Polharmon	• • • • • • • • • •	48		172		0
Wheal Polharmon South Condurrow		20		141	10	0
Pennance Pendeen Consols		40 25		135	7	6
Gonamena West Marla and Fortescue Caradon Consols	• • • • • • • • •	46 72	•••••	129	17	6
Caradon Consols		84		122	8	0
Lady Bertha		59		111	15	6
Wheal Trannack		49		107	5	6
Boscaswell		15		91	10	0
Pendarves United.		22		89	9	0
Wheal Grenville		17		85	17 14	0
Pedn-an-drea		20		80	10	0
Wheal Buller North Robert		12		67		6
North Robert	•••••••	20 13		62		6
				61	10	0
Clijah and Wentworth Higgins's Ore		19		54 52	12	0
Buglehole's Ore		13		46		0
Stray Park		11		24	18	6
Old Gunnislake	**********	14			16 15	0
Ivey a Ore		11		29	0	0
Pembroke,		10			10	6
Wheal Clarence		6			10 15	0
COMPANIES BY WHOM THE	The same of the sa					
Names.		Tons.		Amo	unt.	
Vivian and Sons	********	4870		£22,913	11	10

Names. Tons. Vivian and Sons 4879 Freeman and Co. 1856 P. Grenfell and Sons 3264 Sims, Willyams, and Co. 3822 Williams, Foster, and Co. 5097 Mason and Elikington 3144 Bankart and Sons 1697	Amo		
Freeman and Co. 1856 P. Grenfell and Sons 3264 Sims, Willvams, and Co. 3822 Williams, Foster, and Co. 6097 Mason and Elkington 3144			
P. Grenfell and Sons 3264 Sims, Willyams, and Co. 3822 Williams, Foster, and Co. 5097 Mason and Elkington 3144			
Sims, Willyams, and Co. 3829 Williams, Foster, and Co. 5097 Mason and Elkington 3144			
Sims, Willyams, and Co. 3829 Williams, Foster, and Co. 5097 Mason and Elkington 3144		0	4
Williams, Foster, and Co	. 13,216	2	3
Mason and Elkington 3144		2	9
Bankart and Sons 1697			5
			6
Copper Miners' Company 2234		2	
Charles Lambert 2288			
Newton, Keates, and Co 680			
Sweetland, Tuttle, and Co 1584			
Penclawdd Copper Company 1463			6
Hadland and Co 72			6
Goole Alum Company 472			0
	- 1,000		

fear of the former mine becoming exhausted. There are 512 shares only, and upon which between 200,0001, and 300,0001, profits have been divided. The price is now 721, 10s. to 751, per share, and an excellent share to buy. NORTH CLOPTY shares have been in continued demand. The prospects of this mine are of a very high order, and it is predicted that the shares will see a very high figure. PRINCE OF WALES MINE sceme to be realising all that has been said about it. The lode in the 55, so far as yet seen, promises to lay open a valuable course of ore. East Caradon shares rose from a few shillings to 501, per share. I do not pretend to say that Prince of Wales shares will do the same, but it will not be denied that the chances of its becoming a very important mining property are being every day more apparent. There is a very wide margin for a rise both in this and several other mines I could name.

From Messrs, WARD, and JACKMAN. The whole art and mystery.

or WALES MYNE seems to be realising all that has been aid about it. The lode in the 50, so far a yet seem, promise to lay que a valuable course of ore. East to say that Prince of Wales shares will do the as so, but it will not be desired to say that Prince of Wales shares will do the as so, but it will not be desired that the chances of its becoming a very important initing property are being curry day more apparent. There is a very wide margin for a rise both in this property of mining consists in a perfect knowledge of the courses and character of mineral todes which rout through the dark rocks in gliestening streams, like the rivers traversing the broad earth with their shining waters. We do not profess to advice of the most experienced and entimest practical authorities in the several nation glistricts, and with whom we are in constant correspondence. Founded which the most experienced and entimest practical authorities in the several mining districts, and with whom we are in constant correspondence. Founded whom the product of the most experienced and entimest practical authorities in the several mining districts, and with whom we are in constant correspondence. Founded whom the product of the pro

7	Antimony-Reguluston	£34	10	0	Cop. sulphate, 1st qual. cwt.	£ 1	6	0
	English bowlcwt.	1	14	0	Secondscwt.	0	14	0
	French starcwt.	1	14	6	Copperas-Greenton	2	17	6
ı	Arsenic-White lumpcwt.	0	15	6	White, foreignton	12	0	0
5	White powdered cwt.	0	7	0	Litharge-Flaketon	22	0	0
	Barvtes-Carbonate cwt.	0	4	6	Groundton	22	10	0
:	Nitratecwt.	1	15	0	Manganese-Lumpton	6	10	0
	Sulphatecwt.	0	4	0	Powderedton	8	5	0
-	Bismuthlb.	0	12	6	Pyrites (45 per cent.) cwt.	2	0	ŏ
9	Brimstone-Secondston	6	17	6	Strontlan-Carbonate cwt.	0	12	0
	Refinedton	10	10	0	Nitratecwt.	2	11	0
t	Sulphur, flowerscwt.	0	12		Venetian redcwt.	0	6	0
į.	Ditto, vivumcwt.	0	8		Zinc-Oxideton	26	0	0
2	Cobalt-Black oxide lb.	0	16	0		14	0	0

Mining Correspondence.

BRITISH MINES.

BRITISH MINES.

BEDOL-AUR.—H. R. Harvey, Jan. 16: The shaft is down about 2½ fathoms below the 77. and the ground rather stiff; the lode is 4 or 5 feet wide, producing occasional stones of lead. I have set the shaft to sink for the remainder of this month, by eight men, at 164, 105, per fathom. Jone's pilch is looking poor, but the lode may open out again shortly, as it has done often before. William's pitch, in the bottom of the 70 south-west, is just as last reported, yielding about 15 cwits, per fathom; there is a kindly-looking iode here, and I expect to get some good lead when they get a little deeper and nearer the swallow. Staleys pitch in the bottom of the 70, on the "Seven Stars," is rather poor.

ROTTLE HILL—J. Eddy, Jan. 17: Since last week's report I have put six men to sink and stope the bottom of the 12 to prove the lode at a greater depth; the lode in the bottom of the level for the extent of the stope, which is about 8 fathoms in length, averages about 18 inches wide, and produces good work for tin. The lode in the 24, west of shaft, is increasing in size, and how producing both tin and copper, but not to value. The lode here is still small, but much the same character as we flud the lode now in the bottom of the 12 further west.—Main Lode: The tribute ground has improved! the lode in the stopes about the same. I expected to have sent off samples for our parcel of tin about this time, but the frost has set in so as to stop all surface work.

BRYNAMTLEECH.—Wm. Wasley, Jan. 17: The ground in Lewis's shaft is without any alteration to notice for the last fortuight. The men continue to make good progress in sinking, and the 5-in. lift is keeping the water, although it has increased a little the last week.

BRYNA GWYN.—H. Nottingham, Jan. 15: In driving the cross-cut west from the workings on the south side of the middle of incline, east of shaft, we have discovered a north and south joint, full of very nice ground, and showing other favourable indications for lead; but to follow the bearing ground i

levels have been getting some good lead from the discovery of ore they made last week.

CAPE CORNWALL.—R. P. Goldsworthy, Jan. 16: The men to whom certain bargains were set in the 90 fm. level end cast, and in the 70 fm. level end west, are exerting themselves so as to obtain the premium offered to them in addition to the price. The lode, both in the 90 east and 70 west, is of a promising character. Our tributers are also working well.

CARADON CONSOLS.—S. Bennett, Jan. 15: In the 90 west the lode is 1 ft. to 16 in. wide, composed principally of fluor-spar jand gossan, intermixed with good spots of grey ore; in the cast end the lode is also very much like that in the west end in composition, but "ontaining a little more ore. The 80 west has not altered much, the lode continuing from 1 ft. to 1½ ft. wide, and producing a little cape, but not to value: the winze below this level is about the same value as last reported. The Jope's lode is still unsettled, and composed of several branches of ore throughout the end; they appear, however, to be approaching each other, and if so there will be. I think, a change for the better. We expect to again cut into the gossan lode in the 80 west some time next week.

CAMBORNE VEAN.—N. Clymo, Jan. 17: The 135 cast is worth 3 tons of copper ore per fathom. We have stoppes in this level worth 5 tons per fm. We have commenced to drive cast from the winze about 10 fms. below the 135; the lode is 2 ft, wide, with good stones of ore, and of a most promising character.

CENTRAL MINERA.—Thos. Hughes, Jan. 17: Victoria Engine-shaft: The ground in the 40 yard level west is rather harder, and emiss more water. A great change may be anticipated.

CRENVER AND WHEAL ABRAHAM UNITED.—Wm. Kitto. Jan. 16: We

cound in the 40 yard level west is rather harder, and emits more water. A reat change may be anticipated. CRENVER AND WHEAL ABRAHAM UNITED.—Wm. Kitto, Jan. 16: We CRENVER AND WHEAL ABILAHAM UNITED.—Wm. Kitto, Jan. 16: We almost at a standatill in dressling he copper ore; the weather is so severe—over a consideration of the constant of

el is without alteration in size of value from what we stated in any fit.

R. Niness, Jan. 14: As nothing has occurred to alter my opinion, I lyise to adopt the course I have already laid before you—to drive a test from the Pipe wein in the 44 in the old mine, to the New Pipe and, and to offer all the other parts of the mine on tribute, which at this ges all out the same yield as during the last three weeks. I calculate the control of the same yield as during the last three weeks. I calculate the parts of the most of blende, but the severity of the eatly impedes our dressing operations, but I trust will soon be more Again revering to the cross-cut. I consider it a very important kely to realise the most sanguine expectations.

AND CORNWALL UNITED.—T. Neill, Jan. 15: In the 24 cross-cut we cut into the lode about 3 ft.; it is composed of mundle and flookan, ce not yet cut the north wall; it is looking promising, but we shall it in a few days.

FLEBROOK.—H. Tyack, Jan. 12: We have had a favourable change in eather. Our underground men resumed their bargains on Monday last, ross-cut going north in the 30, and about 14 fathoms west of the cross-cut is engines-shaft, is now extended about 19 ft.; the nature of the ground i inrough is a mixture of porphyry and clay-slate; we have at present spats of lead in the present end. This cross-cut is being driven for the sof intersecting a lode seen going off north-west, about 5 fms. 3 ft. back the present end of the 30. In the 30 east the lode is large, and the part we tending the level upon is composed of clay-slate, carbonate of lime, blende, tones of lead and copper, and letting out quantities of water; we intend driving a few fathoms further to cross-cut the lode south to ascertain use. STATE OF THE STATE AND SOUTH BEDFORD .- J. Phillips, Jan. 7: The

EAST GUNNISLAKE AND SOUTH BEDFORD.—J. Phillips, Jan. 7: The 5t, west of Gard's shaft. has been driven 12 fms., and we daily expect to meet with the cross-course. It must have taken a more perpendicular dip under the 3s, or we should have met with it before this. The water from the end increases. The deep add it is without charge. The lode in the shallow add it is very large and very kindly, but has fallen off in value, producing good stones of ore. In the rise above this level the iode is also very large, and exceedingly promising, composed of beautiful gossin and black and red oxide of copper, worth 1 ton of ore fathom. As this shoot of gossan and ore is dipping east it must be met with in driving the end before long.

utiful gossin and olask and vas salary and control of this shoot of gossan and ore is dipping east it must be met with in end before long.

OL.—W. S. Garby (Manager), J. Maynard, A. James, Jan. 14: Great ave intersected the lode at the 170, and have driven on it 4 fathoms worth for the 25t, per fathom. As soon as the winze is holed from the weak of the consecutive about 7 fms., and is worth for the and copper the lode is worth for the and copper Tellor of the cross-course about 7 fms., and is worth for the and copper The winze opposite the cross-cut below this level is down 7 fms., h 25t, per fathom. Three stopes in the back of the 150, east of the tare worth 25t, per fathom for each stope. The 150, east of the tare worth 25t, per fathom for each stope. The 150, east of the in the back of the 150 west are worth 25t, each.—Engine Lode: The a past of the cross-cut about 12 fms., and is worth 5t, per fm. is stope of this level is worth 30t, per fm. The 160 is driven east of Dennis's fms., and is worth 5t, per fm. in the 150 west and the cross-cut 9 fms., and is worth 5t, per fm. in the 150 west and the cross-cut solven 15 fms., and is worth 5t, per fm. in the 150 west and 15 fms., and 15 worth 5t per fm. in the 150 west and 15 fms., and 15 worth 5t per fm. in the 150 west and 15 fms., and 15 worth 5t per fm. in the 150 west and 15 fms., and 15 worth 5t per fm. in the 150 west and 15 fms., and 15 worth 5t per fm. in the 150 west and 15 fms., and 15 worth 5t per fm. in the 150 west and 15 fms. west of the engine-shaft, and is enfined the per fm. In the 150 consequence.

uence. hn James, Jan. 17: We have finished opening ground 95, and have resumed driving east and west. In James, Jan. 17: We have nnished opening ground, and have resumed driving east and west. In wide, worth 5t, per fathom. In the west end the per fathom. In cutting the barrow-way in this the containing ore dippling towards the lode, which bout 2 fathoms sinking. This is a good feature, the lode is 1 foot wide, improving in appearance, re. The rise over the side in the back of the 85 frust 42 cast, on the engine lode, and the 43, cast

and producing good stones of cre. The 43e ast, on the engine lode, and the 43e ast of Hallett's shaft, are much as last reported. The stope in the back of the 43e ast of Hallett's shaft, are much as last reported. The stope in the back of the 85e ast is worth 101. per fathom. The stope in the back of the 85e west is worth 71. per fathom. The stope in the back of the 75e ast is worth 81. per fathom. EAST ST. JUST.—J. Carthew, P. Casley, Jan. 15: We are getting on very well with the sinking of Phillips' engine-shaft below the 20. We expect in two months to be down to the 39. and extending levels east and west in tin ground, as also north and south on the Guide. The 29, which we are now driving on the Guide, has a very kindly lode, 2 ft. wide, producing a fair quantity of tin, and we have every reason to believe that at the deeper levels it will be found more productive. The 19 north, on the Guide, is looking better than hitherto—more convenial for tin. At the Cranjack, and other parts, there is nothing new to report upon.

port upon.

EAST WHEAL GRENVILLE.—G. R. Odgers, Wm. Bennetts, Jan. 16: The EAST WHEAL GRENVILLE.—G. R. Odgers, Wm. Bennetts, Jan. 16: The shaftmen are engaged cutting ground for the barrow-road at the 95 before going to sink. The lode in the 95 west in from 18 in. to 2 ft. wide, and worth 1½ to no fore to the fathom, and is letting out a great deal of water. The lode in the stopes above this level is worth 1½ to no fore to the fathom. The lode in the stopes above this level is worth 1½ to no fore to the fathom. The lode in the stopes above the 15 west is worth 4½ tons of ore to the fathom. The lode in the 55 west is worth 1½ tons of ore to the fathom. The lode in the 55 west is worth 1½ tons of ore to the fathom. The lode in the 55 west is worth 1½ tons of ore to the fathom. The lode in the 55 west is worth 1½ tons of ore to the fathom. The lode in the 55 west is worth 1½ tons of ore to the fathom. The lode in the 55 west is worth 1½ tons of ore to the fathom. The lode in the 55 west is worth 1½ tons of ore to the fathom. The lode in the 55 west is worth 1½ tons of ore to the fathom. The lode in the 55 west is worth 1½ tons of ore to the fathom. The lode in the 55 west is worth 1½ tons of ore to the fathom. The lode in the 55 west is worth 1½ tons of ore to the fathom. The lode in the 55 west is worth 1½ tons of ore to fathom. The speed of our engine is eight strokes per minute. HARWOOD.—J. Race, Jan. 11: There is no alteration in the level going east in the north string worthy of notice. Stope No. 1 is worth 1½ to 2 tons of ore per fathom. Stope No. 2 il½ tons of ore per fathom. Stope No. 3 is worth from 1½ to 2 tons of ore per fathom. Stope No. 1 west is worth about 8 cwis. of ore per fathom. Stope No. 2 il½ tons of ore per fathom. Stope No. 3 is worth from 1½ to 2 tons of ore per fathom. Stope No. 1 west is worth about 8 cwis. of ore per fathom. Stope No. 2 il½ tons of ore per fathom. Stope No. 3 is worth forwis of ore per fathom. Stope No. 3 is worth about 8 cwis. of ore per fathom. Stope No. 3 is worth 6 cwis. of ore per fathom. Stope No. 3 is worth 6 cwis. of ore per fathom. Sto

the two lodes opened upon present a healthy and promising appearance, and no doubt will prove highly productive at a shallow depth.

FRANK MILLS.—J. P. Nicholis, J. Cornish, F. Cornish, Jan. 16: The engine-shaft is down the required depth for the tip-plat, &c., and we are now making preparations for opening the same. The east lode, in he 130 north, is yielding saving work, and looking well for improvement. The west lode, in the 130 north, is a not been taken down since our last report. There is no change in the stopes in the back of this level. The east lode, in the 135 north, continues small, but it yields occasional good stones of lead ore. In the 115 north, on west lode, the ground is good, and the lode is yielding good squats or deposits of lead ore in places. The ground in the 100 north is becoming better for progress, and the tode more thickly impregnated with lead. The west part of the lode, in the 45 north, is yielding 4 owts. of tead ore per fm., and looking well for improvement. The remaining stopes throughout the mine are much the same as for some time, past, and the tribute is also without change worthy of remark. Our dressing operations and all other surface work are very much impeded in consequence of the continued severity of the weather.

FURSION.—Capt. Collins, Jan. 17: In consequence of severe frost our engine-wheel has not been regularly at work, and the water is up in the 31 fm. lovel, therefore there has been nothing done in the end or rise in this level since my last. The winze in the 11 east is 2½ fms. below the level. The north part of the winze is yielding good stones of ore; it is likely the lode is more north. The 11 east is being driven 2 fms. 2t., and still producing stones of mundic and spots of ore, and letting out more water. We expect to discover ore going east. The stope in the back of the 11 east is being stoped close to a cross-course; we have cut through it is one place, and find a good branch of ore. We cannot see its real value until its more laid open. The lode in the bac

month, and are now making equalty good progress. In the co-cross case, towards the south lodes, the ground is more favourable for progress; this we are pushing on as fast as possible. The stopes for the present are not turning out so much ore.

GREAT NORTH DOWNS.—Wm. Rich. C. Bawden, Jan. 16: We have timbered King's shaft and put it in thorough good order, and have commenced to clear up the bottom, with the view to urge on the 86 west as quickly as possible. The water is being drained as we sink Sieggan's. We are sinking three winges. No. 1, in bottom of the 75, 20 fms. west of King's, or 40 fms. east of Sieggan's, yields excellent this tim fand good stones of ore—a very promising lode. No. 2, in the bottom of the 70, 1s 30 fms. west of Sieggan's shaft, and is worth 10t, per fathom: the lode there, and the character of the ore, is very similar to the bottom of Sieggan's, only not yet so rich; this winge is being sunk at 4t, per fm. No. 3 winge is 70 fms. west of Sieggan's, and is worth 12t, per fathom. The stope in the 70 east is worth 12t, per fathom. The fole of west is without material alteration since last reported on. The lode in the bottom of Sieggan's shaft is somewhat larger, and worth fully 30t, per fathom. There is nothing particularly new in the 70, on the north lode; the water is increasing on this lode, and very strongly impregnated with copper; we intend shortly to precipitate the copper now in the water as it comes away from the end. We are urging on the cross-cut south at Buller's as fast as possible.

GREAT RETALLACK.—G. R. Odgers, Jan. 16: The lode at the engine-shaft, shaking below the adit, is of much the same size as we stated in our last report, producing occasionally stones of silver-lead—a highly promising lode. We cannot sink this shaft, further to advantage until the engine goes to work, and the men will now commence to put in the cistern and to fix the plunger-lift, rods, &c. The lode in the adit end south is 2ft, wide; a branch has come in from the eastern side and disordered the lod

ery promising for lead.
GREAT SOUTH TOLGUS.—J. Daw. Jan. 16; Friday last was setting-day.

shaftmen have in the past week made fair progress in sinking, and will commence unting a plat in the 30 to-morrow. They will also sink for a fork at the same time, as we have put on four additional hands. The ends in the 20 look very promising for lead, and the same time, and the same time, as we have put on four additional hands. The ends in the 20 look very promising for lead, and the same time, and the same time to the same time, and the same

of the ground in the west end I expect we are near some change; the lode is still disordered.

HALLENBEAGLE.—W. Bawden. Jan. 12: We have taken down a little of the lode in Pinniger's shaft, it is producing good stones of copper ore. In the 56, cast of Stone's shaft, the lode is 18 in. wide, worth 51, per fathom. In the 47, east of said shaft, the lode is 17 t. wide, producing good stones of copper ore. The 56 fm. level cross-cut, north of Pinniger's shaft, is without change to notice. Reed's shaft is sunk to the 63 fm. level; and shall to-day set to drive east and west of same at the said level. In the 53, east of Reed's, the lode is 1 ft. wide, containing a little ore. In the 53, west of and shaft, the lode is 2 feet wide, worth 61, per fathom. The speed of our engine is eight strokes per minute. HARWOOD.—J. Race, Jan. 11: There is no alteration in the level going east in the north string worthy of notice. Stope No. 1 is worth ½ ton of ore per fm. Stope No. 2, 1½ ton of ore per fm. Stope No. 3 is worth for most of the central coloring that the south branch of north string is worth 6 cwts. of ore per fm. The level going east on the zeln is looking better, and likely to improve. They are getting on well with opening out the old level. All out-door works are stopped by the snow.

LEAWOOD.—J. Daw, Jan. 17: The 40 north is still a very kindly end.

LEAWOOD.—J. Daw, Jan. 17; The 40 north is still a very kindly end. being our setting and pay on Saturday, Capt. Micholis will be here. A full, port shall be sent.

LOVELL CONSOLS.—Wm. Chappell, Jan. 17; The lode in the 12 west stontimes to be of a very kindly nature, and producing good stones of tin, leaves the continues to be of a very kindly nature, and producing good stones of tin, leaves the continues to be of a very kindly nature, and producing good stones of tin, leaves the continue to be of a very kindly nature, and producing good stones of tin, leaves the continue the great cross-course, to the west of which the former works getting back near the great cross-course, to the west of which the former works getting back near the great cross-course, to the west of which the former works getting the cross-cut north under the perpendicular shaft, we have of r. more to drive, when we shall be able to raise as well as the continue the cross-cut north to cent Trevenen north lode. To engline is working well, and keeping the water with cash in lair report. We have a continue the cross-cut north to cent Trevenen north lode. To engline is working well, and keeping the water with cash and is the great with the great of the great continues the great state of the great water is rather quicker than lair report. We have such a s

level we have a great increase of water, and before driving further we purpaboring forth in the breast of the end, to see if we can hole and let down it water, and, if so, we shall then be able to make greater progress in reachig Prideaux's shaft.

NEW PEMBROKE.—P. Puckey, J. Puckey, Jan. 14: The engine-shaft is see about 5 fms. below the 69; the ground in the shaft is still favourable for pagress. In the 60 cross-cut, driving south, east of engine-shaft, we have interested two or three small branches, but not of any value. We have commence to sink a winze below the 60, east of shaft, to take down the good branch ecopper we drove through at that level some few months since. We have the stopes working in the back of the 60, west of shaft. In the western stope to iode is 2 ft. wide, composed of friable quartz, peach, and tin, worth for the late 84, per fm., and looking promising for improvement. In the middle stopet lode is 2 ft. wide, worth 101, per fm. In the eastern stope the lode is 2 ft. wide, worth 101, per fm. In the eastern stope the lode is 2 ft. wide, worth 102, per fm. In the eastern stope the lode is 2 ft. wide, worth 103, per fm. In the eastern stope the lode is 2 ft. wide, worth 104, per fm. In the eastern stope the lode is disorders in consequence of having intersected a small slide; the lode at the present tin sonly producing low quality tinstaff. In the 45 cross-cut, driving south, we of cross-course, the ground is favourable, the present ting being statement of the lode at the present ting being statement of the statement of the

possible begin to drive ancess will be met with. As soon as the bottom of the shaft (which is under the 19) is cleared up, I will let you know the size as character of the same.

NEW TRELAWNY.—E. H. Dingle, Jan. 17: The engine-shaft is down 29 fm. NEW TRELAWNY.—B. H. Dingle, Jan. 17: The engine-shaft is down 29 fm. From surface. Our progress for the last few days has been rather slow, the lee being large, and letting out a deal of highly mineralised water; the lode is fn. 3 feet wide, producing large quantities of mundic, peach, prian, and quanty yielding rich stones of black and yellow copper over, for the last 6 feet sinking saving work; a pretier lode cannot be seen, and I fully expect a greater in provement in sinking the passes of the same and I fully expect a greater in yellow the course of the lode at the 30, where I expect to open up by containing the course of the lode at the 30, where I expect to open up by containing the long of the lode at the 30, where I expect to open up by containing the lead olds, and in driving about the same distance east to reach a sea splendid eivan course; at these two points we may fully expect good deposits of the lode of the same distance east to reach a sea splendid eivan course; at these two points we may fully expect good deposits of the lode in the same distance as as seen in the shaft. I intend to continue sinking the engine-shaft so as to make a sea of the same and the shaft. I intend to continue sinking the engine-shaft so as to make a sea of the same and the same and the shaft. I have done to the shaft is improved as it has done for the last 6 ft., we shall have one of the best young mines in the county. The dressing is at a standatili, the weather being a very severe.

NEW TRELEIGH.—S. Michell, Jan. 16: The lode in bottom of the new shift is improved as it was shaft at the same and t

ett, and the lodes at present working on being of a kindly nature, and there being likewise several side lodes, which we shall meet with in course of our operations, and the general indications connected eventually profitable one. We are that the mine will prove a permanent eventually profitable one. We are that the mine will prove a permanent eventually profitable one. We are not not to the state of the about paying its costs.

NORTH TRESKRICH is made to the provide of the state of the about paying its costs. North Transfer and the state of the producing and the state of a promising character. The lode in the 129, cast of shaft, is considered to the state of the producing at the state of the lovel, is producing at lons of ore per fm.; and in No. 2 stope, in this level, is reducing 3 tons per fm. The lode in this level, west of shaft, is 3 ft. wide, producing 3 tons per fm. The lode in this level, west of shaft, is 3 ft. wide, producing 3 tons per fm. The lode in this level, west of shaft, is 3 ft. wide, producing 3 tons per fm. The lode in this level, west of shaft, is 3 ft. wide, producing 3 tons of ore per fm and in the state of the lose is on the value, but he mediate the state of the lose is one of shaft, is a still in the hard bar of ground between the two shoots of ore, and at this line the lode is of no value, but he made the lose is about 12 fms. in advance of the 120 fm. level end. The lode in in the back of this level is producing 3 tons of ore per fm., and the low whout change.

Of the 120 fm. level end. The lode in in the back of this level is producing 3 tons of ore per fathom; and the lode is connected the state of shaft, is producing 2 tons of ore per fathom. In the breast of the end the lode is composed of beautiful quartz, with mundic and ore intermixed, and I am of opinion we shall find more ore as we get further into the lode. When the lode is euthrough we shall have two good ends to start—one east and the other west of the consultance to the lode. The state of the state of the state of the

, which indicates its being a large, strong, and producted lode which each of the first plant of the first plant of the first plant of the form of the ground is easy, and the lode producing mundle, black ore, &c. We he shaftmen will finish their bargain by the end of this week, when we shall ence to cross-cut to the lode. RING WATER.—H. Thomas, Jan. 15: The lode in the end west of Grady's Is large, composed principally of congenial quartz and ribs of rich purple ellow copper ore, and from present appearances likely to improve. I inhority to put a pare of men to stope the back of the level, from which I expands on the proper or the ore.

tis large, composed principally of congenial quarts and yellow copper ore, and from present appearances likely to improve. I inshortly to put a pare of men to stope the back of the level, from which I extensive the put a pare of men to stope the back of the level, from which I extensive the put and put and the put and put and put and the put and pu

everity, both frost and show, and all surface operations at present of still.

XMOUTH.—J. P. Nicholls, G. Maunder, Jan. 16: We have interde in the 90 north, which is 1½ ft. wide, consisting of white Iron, blende; this has drained the winze in the bottom of the 75, which is through as speedily as possible, to prove the dip of the shoot of ore gh in the 75. The lode in the bottom of the winze is of much the ter as in the end under. The lode in the 75 north is the entire wide but without change since last report. The winze from the 60 to the nicated, and good ventilation effected.

ERODSFOOT.—Wm. Goldsworthy, Jan. 17: There is no change to ground in the engine-shaft this week—still a pretty blue killas, omising ground for lead cannot be seen.

the ground in the engine-shaft this week—still a pretty blue killas, promising ground for lead cannot be seen. WHEAL GRENVILLE.—G. R. Odgers, W. Bennetts, Jan. 12: The been engaged cutting plat and putting in the skip-road, which they , and thrown the skip to the 20 fm. level, so that we cannot report any the lode.

and thrown the skip to the 20 fm. level, so that we cannot report any the lode.

EAD AND CROSSGILL HEAD.—John Peart, Jan. 12: This week we nued the cross-cut, and have cut the right vein on top of limestone; od throw, and some small pieces of copper and lead ore have been plate, which are good indications.

NE.—Jan. 16: In the 60, west of cross-cut, the lode is 18 in. wide, chiefly of fluor-spar, producing stones of ore. The lode in the rise tack of the 60 west is 1 foot wide, producing ½ ton of ore per fathom. In the rise over the back of the 50, west of the cross-cut, is quite as been last reported, but is not so good, now 18 in. wide, producing ½ ton fm. In the 40, west of the cross-cut, the lode is 16 in. wide, consisting if lookan, with a little black ore, a kindly lode, but not to value. The 20, west of the cross-cut, is 18 in. wide, on will produce 1½ ton of gossan and soft spar, but unproductive. The lode in the 30, east haft, is 20 in. wide, composed chiefly of spar. The ground in the adit cut south is rather hard.

ATHA.—J. Foote, J. Scoble, Jan. 16: We have cut through the lode in the at the 50 north, which is poor. The lode in the rise in the back il worth 7 cwis, of lead per fm. The lode in the rise in the back il worth 7 cwis, of lead per fm. We have not been such been all to do any.

bble, Jan. 16: We have cut through the lode in 1s poor. The lode in the 50 south is without early for in. The lode in the rise in the back d per fm. We have not been able to do any. If the water being by the late heavy rains. We are still put-

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tended eastward. In the 50 cast the lode is from 2½ to 3 feet wide, and yielding 3½ tons of ore per fathom, and is very much easier for exploring, as is also the ground by its side. This end is going into whole or unexplored ground from surface, so that a little further improvement in this direction-would enable a profitable mine soon to be laid open. The 40 is not driven so far east as the 50, and we are very doubtful of its being on the same part; this can be easily proved by extending the cross-cut a short distance further north. The two stopes in the back of the 50 are each producing from 2 to 3 tons of ore per fathom. The rise in the back of the 50, on the Capel Tor lode, is divided into two parts, and the north part only is being carried, which is 3 feet wide, yielding 2½ tons of ore per fathom. There is no material change in any of the other operations. The prospects of the mine have much improved during the past week.

WEST SHARP TOR.—W. Richards, Jan. 14: The part of the lode being carried in the 174, west of the cross-cut, contains quartz, iron, capel, peach, a little mundle, grey and yellow copper ore, red oxide, and native copper.

WEST WIEAL TOLGUS.—Jan. 16: In consequence of the heavy fall of snow which we have had the water is in a the 85, but we hope to fork in again shortly. In the 75 east the lode is 2 feet wide, producing 1 ton of ore per fm. The lode in the 55 west is 4 feet wide, producing 1 ton of ore per fm. The lode in the 55 west is 4 feet wide, producing 1 ton of ore per fm. The lode in the 55 west is 5 feet wide, producing 1 ton of ore per fm. The lode in the 5 west is 4 feet wide, producing 1 ton of ore per fm. The lode in the 55 west is 5 feet wide, producing 1 ton of ore per fm. The lode in the 55 west to 5 feet wide, producing 5 tons of ore per fm. The lode in the 55 west to 5 feet wide, producing 5 tons of ore per fm. The lode in the 55 west to 5 feet wide, producing 5 tons of ore per fm. The lode in the 50 west of 5 tons of 5 to 5 ton

and the eastern stope tons per fathom. The lode in the 50 west is 1 foot wide, composed of spar and flookan. The snow and frost have prevented us from sampling our ore yesterday as usual, nor shall we be able to sample until the weather alters.

WHEAL GREBOR.—J. Gifford, Jan. 15: In the 120 west we have cut the cross-course, and shall commence at once to cross-cut the lode. No change in any other part of the mine to report on.

WHEAL GRENVILLE.—G. R. Odgers, W. Bennetts, Jan. 12: The lode in the 120, east from the new shart, is 18 in. wide, of quartz and prian, with allittletin. The lode in the 120 west is small. The lode in the stope above this level is worth 6f. per fathom. There are two stopes above the 110, worth 5f. per fathom. The lode in the rise above the 100 east is small. The lode in the rise above the 100 west is 18 in. wide, yielding a little tin, but not to value. The lode in the stope above the 100 east is worth 6f. per fathom. The lode in the stope above the 100 east is worth 6f. per fathom. The lode in the stope above the 100 east is worth 6f. per fathom. The lode in the 50 east is worth 6f. The lode in the stope above the 100 east is small. When the stope above the 100 east is south 8f. The lode in the stope above the 100 east is worth 6f. per fathom. The lode in the 50 east is 18 in. wide, and producing a little tile, but not to value. The lode in the 56 east is 18 in. wide—poor. The lode in the 54 east is 2 ft. wide, with stones of tin.

WHEAL KITTY (St. Agnes).—W. Polkinghorne, S. Davey, Jan. 12: In the 8g. driving west of blogate's shaft, the lode is poor.—Pryor's Lode: In the new shaft, sinking below the 65, the lode is worth for tin 12, per fathom. In the 55, driving west of shaft, the lode is worth for tin 12, per fathom. In the 65, driving west of shaft, the lode is worth for tin 16, per fathom. In the 65, driving west of shaft, the lode is worth for tin 16, per fathom. In the 64, driving ast of shaft, the lode is worth for tin 16, per fathom. In the 64, driving ast of shaft, the lode i

FOREIGN MINES.

FOREIGN MINES.

CHONTALES.—Wm. B. Paul, Dec. 4: Consuelo Mine: During the past month No. 2 shaft, on the top of the hill, has been communicated with No. 2 level, and preparation is now being made for sinking the same to the level below, about 5 fms., which will enable us to get to the bottom of the mine, unless other runs have taken place, of which we know nothing about at present. This will be accomplished in about a month. The size or quality of the lode at this place is not yet known, as a large portion of it is standing in the north or hanging wall. That part which is in sight, although mixed with the surrounding strata, yields 1 oz., per ton on an average. As soon as possible I intend clearing through the run east in this level, when good ventilation will be obtained, and enable us to get at some rido for ground in the upper part of the mine. No. 1 shaft is now down to its proper depth, and communication is expected to be effected to-night or to-morrow with the deep adit level (No. 3), when that will slo be pushed on with all speed east. The lode here is all the size of the level, and much more standing to the sonth. It produces a little gold, but not to value. This level west is now suspended, owing to bad air, but will be resumed again as soon as the shaft is communicated, and tramway, &c., fixed permanently,—Estrella Mine: The lode in the adit level, driving east, is 2½ ft. wide, yielding a little gold; it is of a very promising character, and I am expecting to find great improvementhere ere long. The adit level, driving west, is suspended for want of ventilation, for which purpose a shaft is now being sunk from surface.—Surface: A new tramway, 260 yards in length, has been completed from Consucle to Estrella Mill, by which a constant supply of ore will be provided to the mill. I intend continuing the tramway on to San Antonio and Santo Domingo Mines, with the view of linking all the mines together as soon as possible. Machinery at this place is getting on very slowly, having only three English carpente

eight between the winze, sinking in the bottom of the 39 south 3 exts. of lead profile. As an obstance of the control of the 29 south 3 exts. of lead profile. As the 73 south 3 exts. of lead profile. As the 73 south 3 exts. of lead profile. As the 73 south 3 exts. of lead profile. As the 73 south 3 exts. of lead profile. As the 73 south 3 exts. of lead profile. As the 73 south 3 exts. of lead profile. As the 73 south 3 exts. of lead profile. As the 73 south 3 exts. of lead profile. As the 73 south 3 exts. of lead profile. As the 73 south 3 exts. of lead profile. As the 73 south 3 exts. of lead profile. As the 73 south 3 exts. of lead profile. As the 74 south 3 exts. of lead profile. As the 14 south 3 exts. of lead profile. As the 14 south 3 exts. of lead profile. As the 14 south 3 exts. of lead profile. As the 14 south 3 exts. of lead profile. As the 14 south 3 exts. of lead profile. As the 14 south 3 exts. of lead profile. As the 14 south 3 exts. of lead profile. As the 14 south 3 exts. of lead profile. As the 14 south 3 exts. of lead profile. As the 14 south 3 exts. of lead profile. As the 14 south 3 exts. of lead profile. A

about a week's time. The stopes are still good under Angelita and Enriqueta levels. As soon as the metal in the ore yard is sent to the hackenda we shall levels. As soon as the metal in the ore yard is sent to the hackenda we shall enter the property of the property of

t 200 tons.

Linares.—In the 100, west of engine-shaft, the lode is large, com-

4th level; lode large and strong.—General Remarks: The tribute department is without alteration to notice. The machinery is in good working order, and the surface operations are going on regularly. We estimate the raising for January at 200 tons.

1 LINARES.—In the 100, west of engine-shaft, the lode is large, composed of carbonate of lime and lead ore, worth for the latter i ton per fathom. The post of carbonate of lime and lead ore, worth for the latter it on per fathom. The lode in the 65, west of Crosby's shaft, is small and proc. The lode in the 120, east of fhorne's shaft, is of nimense width, and yields good stones of ore. The 95, east of Thorne's shaft, has opened a splendid piece of ground in the past month, now worth I to nep fathom. The 100 in off this last operations. The lode in the 25, west of San Jose shaft, has falled not fit is last operations. The lode in the 25, west of San Jose shaft, has falled not fit is last onto the shaft of driving, consequently little progress is being made. In Crosby's shaft we have changed a part of the pitwork, and are only writing for a small casting from Seville to complete the whole. Cabrera's winze is hold to the 90, No. 14 winze is down the required depth for the 90 fm. level; the lode is small. No. 146 winze is down to the 90, and an end started west from the bottom of it, as stated above—General Remarks: The tribute pitches, on the 100 miles of the 100 miles

continued from 1 to 1½ foot wide, close up to the cross-course, but without ore, and is clearly seen to turn with the cross-course to the right hand, so that Capt. Butler is confident of the heave being to the right hand. The level has been continued 41 feet into the cross-course, which is composed generally of blue, grey, and purple porphyry, with a little decomposed carbonate of line, and is thought to have nearly reached its eastern side. Capt. Butler considers that the heave will not be less than 70 fathoms, and that before cross-centing it will be more economical to spend a few dollars more in the eastern ground southward during the present dry season, feeling confident that any lode or vein in the vicinity of the great cross-course will be found cropping out at the surface, the rock being a very pretty, white, unstratified porphyry. The estimated raisings for December are—From San Carlos, 23 tons; and San Juan, 4 tons: total, 27 tons, which, at an average of 70 ozs. of silver per ton of ore, will produce 1890 ozs. The 33d conducta returned safely to the mines on November 24, and another remittance of about \$6000 was expected to be ready early in January.

FORTUNE COPPER (W.A.).—Nov. 28: We have dressed this month 75 tons lead ore, of from 75 to 80 per cent.; and 5 tons copper ore, of from 17 to 18 per cent. Mr. Lionel Samson advises the shipment of 150 tons of lead ore per Palestine, 200 tons per Fitzroy, 200 tons per Bridgetown and per Kestrel, to Sydney for transhipment to London 120 tons: total, 670 tons of the manager (which

CHONTALES.—As will be seen by the report of the manager (which appears in another column), the mine operations are progressing satisfactorily. No gold has been remitted; a remittance may, probably, be expected next month, but regular remittances can scarcely be relied upon, until the machinery and appliances are in a position to grind and dress the ores now available. The commissioners deem it much more important at present to employ a large force of men to expedite the building of dwellings and completion of roads, so that returns may be made more expeditiously, as well as more economically. Considerable advance has been made in the works, and it is expected that some portion of the new machinery will be ready to go to work in the course of two months from this time. The commissioners, in their investigation, have found it necessary to dismiss two of the company's officers at the mines. The establishment now works harmoniously and more effectively. The health of the commissioners, officers, &c., is satisfactory. missioners, officers, &c., is satisfactory.

WHEAL KITTY (St. Agnes) .- This productive tin mine has con-WHEAL KITTY (St. Agnes).—This productive tin mine has continued to make profits during the low price of tin, and throughout the fearful depression in mining. A rise of 72, per ton in tin has caused a great increase in the market price of most tin mines; several having gone upeent. per cent. in value. Theroft, under the same able management as Wheal Kitty, has risen in value from 71, to 141, yet Wheal Kitty has hardly been noticed. At the last meeting a balance of nearly 5002, profit was carried over, and at the meeting to be held in February a sum of nearly 1002, will be available for a dividend. The agents report they have a fine lode in Pryor's shaft, 7 feet wide, sinking below the 60; the ends are looking well. and good reserves; being laid open. Surely, with these facts before the public, the mine at present price is a safe investment.

GREAT NORTH DOWNS—(Froma Truce Correspondent).—This property, which is now beginning to again attract the attention of the mining public, was know between the years 1718 and 1758 as one of the most profitable mines in Cornwall; and at about the beginning of the present century some slight attemps were made to re-open the old workings, but the outlay necessary proved an insuperable obstacle. One of the many favourable features for which this mine is peculiar is that its western portion is traversed by the great cross-course, known to miners as "The Father of Ore," the run of ground on the course of the lode is between 500 and 600 fms. In length, the lode varying in size from 7 to 20 ft., and in some places even wider. It may be termed an east and west lode, underlying south towards a bed of granite, on which in depth, so to speak, it rests; it is strong and masterly in its character, passes through various cross lodes, and in depth will fall into other lodes. Channels of elvan pass through the sett, which, in fact, forms part of the reputed district of Camborne. Redruth, and Gwennap—the richest yet discovered. It is needless here to refer to the well-known fact that this district has been for centuries famed for its mineral wealth, producing large fortunes to persevering adventurers and that the lodes, after due exploration, amply repay for the expenditure of capital. Suffice it to say (quaring 'he words of an authority upon this point) "that the history of this mineral field is the history of enormous this point) "that the history of this mineral field is the history of enormous this point) "that the history of this mineral field is the history of enormous that Great North Downs is of precisely similar conditions, and provided similar means be adopted, similar results will be realised. One of the important points of operation is the sinking of Siegan's shaft, where there is a lode for the length of the shaft worth from 50t. to 60t. per fm. The levels west tell of a long run of ore ground, as is proved by the or GREAT NORTH DOWNS- (From a Truro Correspondent).

MINING, AND ITS PROSPECTS .- (From Mr. Peter Watson's "Weekly MINING, AND ITS PROSPECTS.—(From Mr. Peter Watson's "Weekl Mining Circular and Share List," No. 407, vol. 1x., Friday, Jan. 18): "It highly gratifying to find that my anticipations have been so strikingly confirme with respect to the general advance that has taken place in the Stock and Shai Markets, more particularly in the value of shares in Cornish and Devon mine The active and increasing demand which has sprung up during the past fewers for shares in good dividend and progressive mines has been stimulated to the large purchases effected by the public, who at last appear to be awakening to the importance of securing an investment in mines before the values advance such an extent as to leave a comparatively small margin for profit, as far a the market price is concerned. Since I directed attention to the desirability effecting purchases, now about some six weeks or two months since, the price of the has advanced something like fit, or sl. per ton, and about 10l. in the standar of copper ore. This week the standard has again advanced, and it is expecte that in the course of a few days a further rise in the price of tin will take place Important improvements have also taken place in several mines. Whether, a regards the position of the lab our market in Cornwail, or the price at which a descriptions of materials and machinery can be obtained, no opportunity mor desirable than the present could exist for the re-working of proved good tin an copper mines which had, perforce, to temporarily succumb to the unprecedente depression in the metal market, from which we are now happliy emerging."

MINING NOTABILIA.

[EXTRACTS FROM OUR CORRESPONDENCE.]

PRINCE OF WALES.—As far as seen, the lode in the 55 is worth yout 181, to 201, per fm.—the lode has not yet been cut through. There is every dication that it will be found richer than in the level above. Driving will be once commenced. This is one of the most important discoveries in the eastern

ort of Cornwall.

GREAT WHEAL VOB.—There has been cut a branch in the 204 south wide, and containing some good stones of tin. It is underlying south a it in the fathom.

DRAKE WALLS.—Owing to the advance in the price of tin this mine will soon again enter the Dividend List. The important discoveries in the Prof Wales Mines, the lodes of which traverse the Drake Walls and West D Walls setts, has, naturally enough, attracted considerable attention to the

GUNNISLAKE (Clitter's) MINE is likely very soon to become the centre of attraction. The good orey ground now opening out below the adit level is satisfactory and encouraging to those shareholders who have invested a large amount of capital in opening up the mine so far, and in the necessary machinery and appliances for working. The end at the 12 west below the adit is driving in a lode of copper ore, worth over 104, per fm., with every indication of important improvement. The stope in the back of this level is worth fully 154, per fm. There is an end driving west at the 23, on the same lode, which will, in no great while, get under the orey ground driven and driving through at the 12 fm level.

BELSTONE CONSOLS.—We understand that the main lode has been cut in the 30, and is worth at that depth not less than 50l. per fm. Thimine was a virgin piece of ground less than two years ago, when Mr. J. Calver highly recommended the spot, and induced his employers to allow him to prove in the was a virging process. The state of t

ment of Mr. Calvert, that there are many valuable mines yet untouched (virgits ground) both in Devon and Cornwall.

WHEAL TRANNACK is looking much better: in the 10 fm. level, driving west, the lode is 4 ft. wide, composed of spar, capel, mundic, and yellow copper throughout the lode—we expect a daily improvement. In the 20, which is about 8 or 10 fathoms behind the 10, there is a very promising lode, from 3 to 4 feet wide, and we expect a daily improvement, as the ground is changing for the better; the lode is composed of spar, mundic, and copper, but not to value.

OKEL TOR.—The large lode intersected in the 50 fm. level crosscut east still continues to yield 8 tons of copper ore per fm., besides mundic, to the value of 44. This fine course of ore has been just cut in the 65, where it will produce 5 tons of good oreper fm., and it is expected soon to be cut in the 89 fm. level cross-cut south. The important feature connected with this discovery is that it has occurred on an independent lode, south of the one hitherto worked on, and appears to be composed of a much superior quality of ore, and has the factive of the set thave produced large quantities of tin from the mines adjacent, as well as in this mine, it is evident a valuable and rich one is gradually being opened up; and taking into consideration the cutting of feminale lode in the two cross-cuts, and the new lode discovered in the 38, south of Battye's shaft, which is turning out to the expectations of the agents, there is every probability the mine will in a short time be equal to its rich neighbour, Great Wheai Vor Whai Metal, which are parallel lodes, and adjoining mines. I believe they will sell about 7 tons of tin in the course of a few days.

With next week's Journal we shall publish, as a Supplement, the TITLE-PAGE and INDEX to the THIRTY-SIXTH VOLUME of the MINING JOURNAL.

The Mining Market; Prices of Metals, Ores, &c.

METAL MARKET-LONDON, JAN. 18, 1867.

COPPER. £ s. d.	IRON. Per ton.
Best selectedper ton 89 0 0	Bars Welsh, in London 6 7 6- 6 10 0
Tough cake and tile ,, 86 0 0	Ditto, to arrive 6 10 0
Sheathing and sheets ,, 91 0 0	Nail rods 7 0 0-8 0 0
Bolts , 93 0 0	., Staffd. in London 7 15 0- 8 10 0
Bottoms , 96 0 0	Bars ditto 7 15 0- 9 10 0
Old (Exchange) , 77 0 0	Hoops ditto 8 15 0- 9 15 0
Burra Burra ,, 85 0 0	Sheets, single 9 10 0-11 0 0
Wireper lb. 0 1 01/2	Pig No. 1, in Wales 4 5 0- 4 10 0
Tubes , 0 1 0	Refined metal, ditto 4 0 0-5 0 0
BRASS. Per lb.	Bars, common ditto., 5 10 0- 6 0 0
Oh	Do. mrch. Tyneor Tees 6 10 0
	Do., railway, in Wales 5 5 0- 5 10 0
	Do., Swed. in London. 10 5 0-10 10 0
	To arrive
Yellow Metal Sheath.p. lb. 81/4d	Pig, No. 1, in Clyde 2 15 3-3 6 6
Sheets , 81/2d	Do. f.o.b. Tyne or Tees 2 9 6
SPELTER. Per ton.	Do. Nos. 3,4,f.o.b. do. 2 6 6- 2 7 0
	Railway chairs 5 10 0- 5 15 0
Foreign on the spot 21 17 6	, spikes11 0 0-12 0 0
" to arrive 22 5 0	Indian Charcoal Pigs,
ZINC.	in Landan a tan
In sheets 28 0 0	in London p. ton 7 0 0- 7 10 0
TIN.	STEEL. Per ton.
English blocks 90 0 0	Swed., in kegs(rolled)14 0 0-14 10 0
Do., bars (in barrels) 91 0 0	,, (hammered) 16 0 0-16 10 0
Do., refined 93 0 0	Ditto, in faggots16 10 0-17 10 0
Banca 89 0 0	English, spring19 0 0-23 0 0
Straits 86 10 0	QUICKSILVER (p. bottle) 6 17 0- 7 0 0
TIN-PLATES.* Per box.	LEAD. Per ton.
C Charcoal, 1st qua. 1 12 0- 1 13 0	English Pig, com 20 0 0
X Ditto, 1st quality 1 18 0- 1 19 0	Ditto, ordinary soft 20 5 0-20 10 0
C Ditto, 2d quality 1 8 0	Ditto WB)
X Ditto, 2d quality 1 14 0	Ditto, sheet21 0 0
C Coke 1 4 6-1 6 0	Ditto, red lead21 10 0 —
X Ditto 1 10 6- 1 12 0	Ditto, white27 0 0-30 0 0
Canada plates, p.ton 13 10 0	Ditto, patent shot23 0 0-
Ditto, at works 12 10 0	Spanish19 10 0-19 15 0
* At the works, 1s. to	18. 6d. per box less.

REMARKS.—The Metal Market during the past week has continued to present an appearance of considerable activity, and a very good amount of business has been done. Several speculative transactions have also occurred, and the market shows every prospect of resuming a satisfactory position; and, as the year has opened in so favourable a manner, we may augur propitiously for the future, and sincerely trust that our anticipations may not be disappointed. The position of one or two metals especially (the prices of which have recently been lower than has been known for a long time past) is very encouraging, and is such that there is good ground to hope that parties who formerly engaged in speculative operations in them with considerable loss may now have an opportunity of recovering some of that loss, and be enabled to operate with much more satisfactory results. In one of them particularly there has been this last week a very lively market, and numerous extensive transactions have taken place; and, though towards the end of the week there has been more quietness in the market, yet we may anticipate that activity will soon again return, and astill further advance in prices occur. The accounts from America with reference to the impeachment of the President are of so conflicting a character that little dependence can be placed in them; still we fear that party spirit is so strong that something hostile to the President will be attempted, with what success remains to be seen. to present an appearance of considerable activity, and a very good be seen.

be seen.

COPPER.—After having existed for a number of years, the Copper Smelters' Association has at length been broken up. The cause of this is best known to the Association itself, but probably it was found that some of the members persisted in selling under the official prices; at all events, the monopoly is now at an end, and we sincerely trust that it may never be re-established; all monopolies are bad, and this has been no exception to the rule. Each of the smelters will now stand by himself, and will do the best for his own interests, and we have no doubt that the trade generally will be much benefited by the change. The market has been rather quiet during the week, and transactions have not been very extensive. Several small sales of Wallaroo have been effected at 85L to 85L 10s. cash.

IRON.—In Staffordshire the reduction of prices has not yet had any marked effect in inducing orders to be given out, and, in point of fact, the whole trade is waiting for the decision of the men, whether they will accept the reduction of wages or strike. Meetings of the workmen were held on Monday, when the puddlers at Brierley Hill determined to resist the reduction of wages; on the other hand, the millmen at West Bromwich resolved to submit conditionally. This shows that the men are divided among themselves, and probably after all there will be no strike.

the millmen at West Bromwich resolved to submit conditionally. This shows that the men are divided among themselves, and probably after all there will be no strike. In Welsh the trade continues very quiet, but it is hoped that the assimilation of the list prices to those actually accepted will be the means of creating a stimulus in the home demand. It is also satisfactory to find that a feeling of confidence is beginning to gain ground, and this will greatly tend to improve the condition of the trade. The ironmasters in Wales appear to be waiting to see the result of the reduction of wages in improve the condition of the trade. The ironmasters in Wales appear to be waiting to see the result of the reduction of wages in Staffordshire, and should it prove successful will, no doubt, give the necessary notices at the end of the present month. The exports are on an average, most being cleared out for the United States. In Swedish iron the demand is again more active. In Scotch pig the amount of business during the week has been by no means extensive, and the fluctuations have been only trilling, rising to 54s. 9d. cash, and then again declining to 54s. 6d. cash, which is the last price received from Glasgow.

LEAD.—The market remains quiet, but prices have undergone no change.

no change.

Tin.—In English the advance announced in last week's Journal should have been 3l. per ton instead of 2l.; present prices are, therefore, 90l. for block, 91l. for bars, and 93l. for refined. In foreign there has been a very active market during the week, and a considerable amount of business has been done in Straits at 86l. 10s. cash, 87l. prompt six weeks, and 88l. for arrival. Banca is held for 89l. The condition of the market is very satisfactory, though towards the close of the week rather more quietness has prevailed.

SPELTER.—Although no very large business has been done, yet prices remain very firm at 21l. 17s. 6d. on the spot.

TIN-PLATES.—There is a better enquiry on the part of buyers, and prices are looking decidedly firmer.

STEEL and QUICKSILVER remain as last reported.

STEEL and QUICKSILVER remain as last reported.

BIRMINGHAM, JAN. 18 .- Rylands' "Iron Trade Circula The iron trade is more animated. Bars and rails are in fairish demand Pigs are looking downwards, and running off from stocks in larger quantities. Coal is rising as the snow falls, preventing colliers' wages going down, although pigs cannot keep up. Enquiries in some number, and orders coming in. United States letters give firmer trade

The settlement of the fortnightly account in the MINING SHARE MARKET, which took place on Tuesday, was by far the heaviest known for many months, and showed the rapid and great extension of mining business of late; while the continued rise in metals has not only caused a corresponding rise in shares, but rendered many of them particularly difficult to get. Another feature of the week has been that many small shares, that have been quite neglected for months past, and have borne no price whatever, have been in re-quest. A large business has also been done in several prominent Such as Great Retallack, North Crofty, Prince of Wales, Chi-West Chiverton, Chiverton Moor, Chontales, Cook's Kitchen, Drake Walls, Great South Tolgus, St. Ives Consols, Prosper United, North Treskerby, Buller, Wheal Seton, Uny, Trelawny, &c. Devon Great Consols, 410 to 420; the ores, 1416 tons, sold on Thursday for 7683*l*. (including carriage), or at the rate of 5*l*. 7s. 6d. per ton; and to show the advance in the price of ore, we may state that the sale in December, of 1437 tons, realised only 64321.11s., for ore of about same produce. So that for 21 tons less ores the company rea-12001. more money for the month. West Chiverton have ad-

the same produce. So that for 21 tons less ores the company realise 1200l. more money for the month. West Chiverton have advanced to 59, 60, and in good request.

Marke Valley, 4½ to 4½; at the meeting a dividend of 2s. per share (900l.) was declared, and a balance left in hand of 1612l. 0s. 7d. The profit on the three months' working was 1002l. 19s. 2d. The mine itself is not looking quite so well, as far as discoveries go; but the reserves are good, and the returns and good dividends will be continued. Carn Camborne, 21s. to 23s.; at the meeting the accounts showed a balance in favour of the mine of 554l. 0s. 1d., and a call of 6d.,per share was made. The mine looks well, and the future prospects are described as of a very encouraging character. North Roskear, 7 to 8 (call paid); at the meeting the accounts showed a balance of 770l. 12s. 4d. against the company, and a call of 1l. 2s. per share was made. The returns of tin have fallen off, but there is, the agents think, a possibility of making a discovery of copper in the levels, driving east of the Pressure shaft, where the end has improved of late. Bottle Hill, 3s. to 5s.; Carn Brea, 19 to 21; Clifford Amalgamated, 9 to 9½; Cook's Kitchen, 11 to 12. Drake Walls shares advanced to 17s. 6d.; 20s., and in good demand. East Basset, 23 to 25; 25to 22½. We referred last week to a charge of 450l. for law costs in the accounts passed at the last meeting, and stated that it would be more satisfactory to the out-adventurers generally if their exact position in regard to these charges were made known, and we now regret to find that a fresh suit is likely to arise between the same parties, a bill in Chancery, a copy of which has been forwarded to us for perusal_bhaving been already filed. We have not had time, however, to go 5zreat½, it at present. East Lovell, 10 to 11; no change in the mine. The tin sold on the 5th (7 tons 16 cwts.) realised 389/. 3s. 9d. Great South Tolgus shares rose to 18s., 20s., and in request, but became flatter, at 15s. to 17s. 6d., when it b

The Market for Mine Shares on the Stock Exchange, during the week, has been moderately active. The improving prospects of the Metal Markets has greatly strengthened confidence, and the recent great advance in prices has been well maintained. Some shares that, from exceptional circumstances, like West Chiverton and Westminster, were slow to move, after having suffered great depression, and that were intrinsically the safest in the list, have at last begun to move. West Chiverton shares have risen to 59, 60, and are firm at the price. Westminster, 5 to 54. Drake Walls, 17s. 6d. to 20s.; a large business has been done in these shares. Great Laxey shares are less firm, at 164 to 174. Great Vor shares are steady, at 17 to 18. North Crofty, 44 to 5: Chiverton, 84 to 84; Chiverton Moor, 54 to 6. Prince of Wales shares have been largely dealt in. Foreign Mine Shares have been quiet during the week. Chontales shares are less firm, at 2 to 4 dis. St. John del Rey shares steady, at 52 to 53; Cape Copper, 2 to 2½: English and Australian Copper, 4 to 1, firm; Don Pedro, 4 to 4 prem.; Anglo-Brazilian, 4 dis. to par; Scottish Investment, 5 to 1; Pestarena Gold, 4 dis. to 5 prem.; Alamillos, 1 to 14. The Market for Mine Shares on the Stock Exchange, during the

A prospectus for the issue of 5000 unallotted shares in Chatwood's A prospectus for the issue of 5000 unallotted shares in CHATWOOD'S PATENT SAFE AND LOCK COMPANY has just been issued. The prospectus states that the company commenced business in February, with a nominal capital of only 5000/L, securing exclusive right to work the patents of Mr. Samuel Chatwood, who has ever since ably acted as manager of the company. The results achieved have enabled the company to regularly declare and pay 10 per cent, per annum, and extended business rendered it desirable to increase the capital to 100,000/L—one-half of which is now offered to the public. To facilitate the carrying out of the proposed objects, the company have secured a very eligible plot of land adjoining the Lancashire and Yorkshire Railway, in Bolton, upon which it is proposed to erect suitable works, when it is believed the company's production will increase tenfold, and that the profits will equal 20 per cent. The board of direction is composed of thoroughly business men, and it has been arranged that when the profits exceed 20 per cent. one half of the surplus may be when the profits exceed 20 per cent. one half of the surplus may be distributed among the employees. The shares may be fully paid (10L) on 1/. on allotment, and the remainder as required.

At Truro Ticketing, on Thursday, 3609 tons of ore were sold, realising 16,995/. 14s. 6d. The particulars of the sale were:—Average standard, 113/. 15s.; average produce, 6½; average price per ton, 4/. 14s.; quantity of fine copper, 236 tons 12 cwts. The following are the particulars of the sales during the past month:—

Tons. Standard. Produce. Per ton. Per unit. Ore copper. Dec. 20. 3390 £103 0 0 0% £4 5 0 128.11d £84 11 0 .77 1906 102 18 0 7% 4 14 6 13 5 67 4 6 .78 1910 102 18 0 7% 4 12 6 13 5 67 4 6 .71 10 1513 110 7 0 6% 4 14 6 13 15 0 69 10 .71 10 1513 110 7 0 6% 4 14 0 13 10 69 10 .71 10 1513 110 7 0 6% 4 14 0 13 10 6% 10 10 11 16 %Compared with last week's sale, the advance has been been in the standard 1L, and in the price per ton of ore about 1s. 4d. Compared with the corresponding sale of last month, the advance has been

At East Pool Mine meeting, on Monday, the accounts for October and November showed a profit of 27st. 10s. 6d. A dividend of 32ot. (21. 10s. pershare) was declared, carrying over 2ot. 11s. 7d. [The agents' report is among the Mining Intelligence.]

in the standard 71., and in the price per ton of ore about 9s

At East Caradon Mine meeting, on Thursday (Mr. C. R. Norton in ne chair), the accounts showed a credit balance of 29531, 10s. 5d. A dividend 6141, 8s. (2s. per share) was declared, and 23391, 2s. 5d. carried to the credit next account.

At Marke Valley Mining Company meeting, on Thursday (Mr. W. Fawcett in the chair), the accounts for the three months ending November showed a credit balance of 12434, 6s. 5d.; a balance of assets over liabilities of 16124, 6s. 7d.; and a profit on the three months working of 34014, 13s. 4d. A dividend of 9004, (2s. per share) was declared. Captain John Truscott reported that the different levels are not so productive as on some former occasions, but in all probability will soon improve. The reserves being very good, the returns will be maintained, and good dividends continue.

At Carn Camborne Mine meeting, on Thursday (Mr. M. Phillips

At Carn Camporne Mine meeting, on Thursday (Mr. M. Phillips in the chair), the accounts for the three months ending November showed a credit balance of 1281, 198, 9d., and a balance of assets over liabilities of 5541, 9s. 16. A call of 6d. per share was made. Capt. John Truscott reported that the future prospects of the mine are of a very encouraging character.

At West Rose Down Mine meeting, on Thursday (Mr. R. W. Childs in the chair), the accounts for the three months ending November showed a credit balance of 1211, 7s. 6d. A call of 10s. per share was made. Captain John Truscott reported that they had every reason to expect a productive mine when the lodes are laid open.

les are laid open.

North Roskear Mine meeting, on Tuesday, the accounts for ober and November showed a debit balance of 7706, 12a, 4d. A call of share was made. Capts. J. Vivian and Son and R. Angove reported tin stopes have declined in the quality of the tinstone. In the copp timent their proposets are more cheering. ects are

pariment their prospects are more cheering.

At the Dale Mine meeting, on Tuesday, the secretary reported that the 2292 shares were all subscribed for, making the issue of the 10,396 shares complete. It was resolved to carry out the recommendation of Captain Nines, the managing agent, to cross-cut to the new Pipe and Lum veins, which he considers a very important trial, and likely to realise the most sanguine expectations. He states in his report of December 20 that it is pronounced by the oldest and best miners to be one of the best trials in the district, and the fact of haring proved the existence of a new Pipe vein in connection with the Lum must considerably add to its value; but, independently of the new Pipe vein all the cross veins passed through in working the old Pipe makes in that directions with the districtions.

tion, which must also further add to its value, and can be easily proved at a comparatively trifling expense, by driving a cross-cut from the old Pipe in the data fin. level, which will give about 30 fathoms of backs to the 26 fm. level, and nearly 100 fathoms to the adit. Taking the whole into consideration, he (Capt., Niness) considers there is every chance of a good mine being opened out.

At Bedford United Mines meeting, on Tuesday, the accounts showed a cash balance of 7621. 12s. 5d., and an estimated account of payments and recipts before the meeting in April a credit balance of 5211. 3s. 6d. Capt. Phillips says—" For the ensuing four months the costs will be increased by carrying on some new works necessary for the deeper prosecution of the north lode. I believe by the time this work is accomplished the prospects of the mine will be very much better than at present."

At South Callington general meeting, on Jan. 10 (Mr. A. Lascelles in the charly the accounts showed a debit balance of 31, 0s. 8d., and a balance of liabilities over assets of 1711. 5s. 1d. A call of 5s. per share was made. It was stated that there were no arrears, and a very satisfactory report from the agent was read.

is read. At the South Condurrow Mine meeting, on Thursday (Mr. Buckland the chair), the accounts showed a debit balance of 130*l*. 19s. 6d. A call of

At the South Conducts showed a debit balance of 1301. 19s. 6d. A call of 2s. 6d. per share was made.

At Craddock Moor Mine meeting, on Jan. 10, the accounts showed a debit balance of 3941. 19s. 6d. Acall of 7s. per share was made. Capts. H. Taylor, Jan 4d. Phillips say—" The small engine we formerly had at Harris's shaft was unequal to its work, and caused considerable delay in sinking the shaft and developing the mine, but the new engine is of ample power, and caused to be a shaft was unequal to the work, and caused considerable delay in sinking the shaft and developing the mine, but the new engine is of ample power, and caused to be a shaft to the shaft and developing the mine, but the new engine is of ample power, and increased to make greater progress in the future. We may, therefore, hope for increased returns, and with the increasing price of metals believe that the returns will soon meet the costs. We expect to sell about 150 tons of copper ore for the next two months."

for the next two menths."

At the St. John del Rey Mining Company meeting, on Jan. 12 (Mr. J. D. Powles in the chair), the resolution granting the additional remuneration to the directors was carried, slight modifications having previously been made. Details will be found in another column.

At the Royal Copper Mines of Cobre (Limited) meeting, on Tuesday (Mr. H. B. Grenfell, M.P., in the chair), the adjournment of the meeting for a fortnight was agreed to. Details in another column.

on the Stock Exchange an average amount of business has been transacted in Mining Shares during the week. The following quotations were officially recorded in British Mining Shares:—Chiverton, \$\frac{3}{4}\$; East Lovell, \$\frac{9}{4}\$; North Wheal Crofty, \$4\frac{1}{4}\$; Prosper United, \$11\$; West Chiverton, \$57\$, \$56\frac{1}{4}\$, \$58\frac{1}{4}\$, \$58\frac{1}{4}\$; East Basset, \$25\$, \$26\$; East Carn Brea, \$3\$, \$\frac{1}{4}\$, \$\frac{3}{4}\$; Great Laxey, \$17\frac{3}{4}\$; Drake Walls, \$1\$; East Caradon, \$6\frac{1}{4}\$; Great Wheal Vor, \$17\frac{1}{4}\$, \$18\$.—In Colonial and Foreign Mining Shares the prices were:—Scottish Australian, \$15\$-16\$, \$\frac{7}{4}\$, \$1\$, \$15\$-16\$; Chontales, \$2\frac{3}{4}\$, \$2\frac{3}{4}\$; Fortuna, \$2\frac{1}{4}\$; United Mexican, \$4\frac{7}{4}\$; St. John del Rey, \$52\frac{1}{4}\$; Don Pedro, \$3\$-16\$, \$\frac{1}{4}\$, \$\frac{7}{4}\$ prem; Panulcillo, \$2\frac{7}{4}\$.

COAL MARKET .- Only 48 fresh ships arrived this week, owing to COAL MARKET.—Only 48 fresh ships arrived this week, owing to the stormy weather on the east coast preventing the ships putting out to sea. House coals have been scarce, and the demand, stimulated by the severe weather, caused a rise in the week of 5s, per ton. Haswell Wallsend, 28s.; East Hartlepool, 27s. 6d.; Thornley Wallsend, 26s.; Harton Wallsend, 25s.; Riddell's Wallsend, 25s.; Pittington Wallsend, 22s.—Unsold, 2; at sea, 5 ships.

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THE COPPER TRADE. - Messrs, Vivian and Younger (Jan. 18) writ THE COPPER TRADE.—Messrs, Vivian and Younger (Jan. 18) write—All descriptions can be bought at rather lower rates, the principal fall having been in English, which is from 2l. to 3l. per ton lower than last week. This appears to be partly owing to the dissolution of the Smelters' Association, to which we alluded in our last. The immediate effect having been to create more uncertainty and to depress prices. Doubtless this, however, will soon right itself. But the charters for copper produce advised by the mail received from Chill on the 18th inst. are again very heavy, being for 2300 tons of copper contents, 1000 tons being in bars and lagots; the balance in ore and regulus. We have heard of no transaction in any description worth reporting.

THE IBON TRADE.—Messrs. Shaw and Thomson (Jan. 16) say—The past fortnight has witnessed a revival of confidence and activity in the iron trade, and is full of promise for the current year. The reduction of price in Staffordshire has had the immediate effect of bringing out orders which have been long held back. It remains to be seen whether the men will at once accept the proposed reduction in wages, or commence another strike. Large orders for rails have been given out during the past fortnight. Fully 16,000 tons of "Erie" rails have been bought on American account, and most of the works in Wales have fair orders on their books. Contracts for about 7000 tons of superior rails have been made out during the fortnight with firms in the North of England. The trade in shipbuilding iron is very limited, but we feel confident an improvement must soon take place. So long as our import and export returns show that the carried tonnage is yearly increasing, there can be no fear that the demand for ships will not also increase. Wooden shipbuilding has almost ceased in the American ports, and is greatly limited in England, so that the iron trade may afely calculate on being benefited, whenever the present stagnation begins to disappear. Pig-iron is dull, and prices rather tend downwards; considering the immense atock, and the powers of production lately brought into existence, the price of pig-iron has kept very high, especially in Seciland. North of England in Sectiand.

The Iron Trade of the North-Eastern Counties of Eng-THE IRON TRADE.-Messrs. Shaw and Thomson (Jan. 16) say-

THE IRON TRADE OF THE NORTH-EASTERN COUNTIES OF ENGLAND.—Owing to changes and reconstructions, and to difficulties with themen,
the working of the furnaces during the past year has been somewhat irregular.
On the whole, however, 108 furnaces have been in blast—being 3 more than in
1865—several of them for an uncertain period; and the total make of pig-fron
throughout the district for the year was 1,043,272 tons. When it is remembered
that the larger furnaces, many of which only came into operation at the close
of 1865, had been at work during the whole or greater part of last year, this
large production is easily accounted for. Looking at this increased make, at
the peculiarly unfavourable circumstances of the past year, and at the disorganised state of the iron trade in the district, in consequence of the protracted
strike, it may be a matter for congratulation that the stock of pig-from on hand,
aniarged as it is, had not been still further increased. There is now, however,
a prospect of this excessive production being somewhat diminished, as several
furnaces have lately been put out of blast—the present number lighted not exceeding 33; and this, together with the improved prospects of trade, may justify an expectation that stocks may be reduced in the course of the present year.
The number of furnaces at present out of blast is 47, and 11 are in course of
erection. Some of the latter, however, are only for the purpose of replacing
others now in blast. The foreign shipments have failen short of those of the
previous year by 19.877 tons, the total for 1865 being 167,513 tons, and 127,340
tons for 1865. To France, 45,092 tons were exported in 1866, against 49,284 tons
in 1865; to Germany, 12,796 tons, against 29,384; to Holland and Belgium, 35,252
tons, against 39,384; to Denmark, Norway, and Sweden, 6446 tons, against 593; and to Recountries, 7654 tons, against 10,217. The statiside of the pig-iron trade of the district for the past year are as follows:

Total cock, Jan., 1,1866 THE IRON TRADE OF THE NORTH-EASTERN COUNTIES OF ENG-

Total 1,129,432
Shipped for exportation abroad 107,513
Used in the roiling-mills and foundries in the district,
shipped for delivery coastwise, and sent away by rail 855,398 962,911

LIQUID FUEL BOILERS.—In pursuing his experiments with a view to substitute petroleum for coal in the generation of steam, Mr. C. J. RICHARDSON has discovered an even cheaper compound than the least saleable mineral oils. He finds that coal tar, creosote, naphthaline, and other similar products, may all be burned in the same way as he proposed to burn the crude oils; a compound with which he has obtained excellent results, being formed of coal tar, two parts; creesote, three parts; and one or two parts of heavy shale oil. The inventor will have a boiler at work at Woolwich Dockyard in course of a few weeks, when he will be glad for all interested to inspect it.

The HEMATITE IRON COMPANY (Limited) has acquired the lease The HEMATITE IRON COMPANY (Limited) has acquired the lease of a very valuable iron property, immediately adjoining the well-known Royal Restormel Iron Mine, now being worked by Messrs. John Taylor and Sons, which has made large and profitable returns for, it is stated, over 100 years. The rich lodes of Restormel run through the Hematite Company's sett, and can be very advantageously operated upon, so as to yield an early dividend to the shareholders. The following is the report of a competent engineer in the district of the property:—

iders. The following is the report of a competent engineer in the strict of the property:—
through I have known the neighbourhood for 20 years, I had no idea that y vacant ground (so closely attached to the Messrs, Taylor's, of which so much known for yield of the best description of ironstone) could possibly be obtained. In the underlie of their lodes into your ground, you cannot fall to have a ne in all respects equal to the original one; in fact, the lode has been worked en (and still is being worked, by virtue of a deep level) to within 3 fathoms your boundary; but in the open cutting above, thousands of tons of ore must we been raised, at a great profit to the owners. After what has been said by urs in detail of your property, it is only necessary for me to add that I regard so one of the best promise in this county, because no doubt can possibly dwell; at the mind of any man as to the existence of an unlimited supply of such lability ore as will at all times find a ready market. The situation of the mine,

too, for deep level operations, and transit to the water side, cannot be surpassed; and all circumstances considered. I think it a valuable property.

and all circumstances considered, I think it a valuable property.

From the above it would appear that the undertaking is likely to prove a valuable investment, and there is certainly every prospect that it will do so. The dead rent of the property is only 5*l*. per annum; royalty, 6d. per ton. The capital is 5000*l*., in 1000 (5*l*.) shares.

PARIS EXHIBITION, 1867 .- In order that all useful mechanical PARIS EXHIBITION, 1867.—In order that all useful mechanical novelties connected with mining and metallurgy, or with the sciences allied thereto, may be fully described in the Mining Journal, the Editor has made arrangements to send a special representative to Paris, to make the necessary examination of the machinery, apparatus, &c., exhibited. To facilitate such examination, it is most desirable that exhibitors should supply, as soon as convenient, mechanical descriptions of their inventions, &c., which will be regarded as confidential communications until the articles referred to have been examined. Communications may be forwarded either direct to the Office, 26, Fleet-street, London, or to the care of Messrs. Vimeux, Stouff, and Co., Bankers, 3 Rue Daval (Beaumarchais), Paris.

DEPOLARISATION OF IRON SHIPS.—We are glad to learn that the experiments which have been carried on by Mr. Evan Hopkins on board the Northumberland, at Sheerness, have proved most successful. Mr. Hopkins expects in a very few days to prove, to the perfect satisfaction of the officials, the complete efficacy of his invention in depolarising iron ships generally. It is gratifying also to find that the Admiralty have rendered every assistance to Mr. Hopkins to enable him to carry out his views.

GEOLOGICAL SOCIETY OF LONDON.—January 9: Warington W. Smyth, M.A., F.R.S. (President), in the chair. George Clark, of Dowlais; Jas. Eccles, Springwell House, Blackburn; William Harris, M.A., Osbourne Villas, Windsor; and J. Charles Pooley, F.R.C.S., Raglan Circus, Weston-super-Mare, were elected Fellows. The following communication was read:—
"On the age of the Lower Brick-Earths of the Thames Valley," by W. Boyd Dawkins, M.A. (Oxon), F.G.S.
On Wednesday, the following papers will be read:—1. "On Chemical Analyses of Variegated Strata," by G. Maw, F.G.S., &c.—2. "On the Jurassic Fauna and Flora of South Africa," by Ralph Tate, F.G.S.—3. "On Consolidated Blocks in the Drift of Suffolk," by George Maw, F.L.S., F.G.S.
SOCIETY OF ENGINEERS.—On Monday there will be a special meeting, to elect five members for the council, the presentation of premiums, and the President's inaugural address.

LONDON GENERAL OMNIBUS COMPANY.—The traffic receipts for ne week ending Jan. 13 was 9590l. 19s. 4d.

LATE QUARRY IN WALES.—A MANAGER IS REQUIRED to UNDERTAKE the SUPERINTENDENCE and DIRECTION of a FIRST-CLASS SLATE QUARRY. He must possess practical knowledge and experience, and be enabled to produce satisfactory testimonials, copies of which must be forwarded with the application. A liberal salary will be given, better only, to "A. B.," MINING JOHNAL ORIGE, E., Fleet MITCH, LORDON, E., Apply, by I London, E.C.

THE LESSEE of a VALUABLE BRITISH COPPER MINE on which there is the requisite plant, and from which many thousands of pounds worth of rich ores has been raised. WISHES to MEET with a PARTY who could get the REQUISITE CAPITAL THOROUGHLY to DEVELOPE IT.—Apply by letter, to "P. A. R.," MINING JOURNAL office, 26, Fleet, street, London, E.C.

TO IRONMASTERS.—The ADVERTISER, who has had many years' experience in manufacturing M bars, angles, plates, sheets, hoops, and rails, is NOW OPEN for an ENGAGEMENT as OUT-DOOR MANAGER. Good reference will be given. No objection to go abroad.—Apply to "A. B. C.2" MINING JOURNAL office, 26, Fleet-street, London, E.C.

TO GAPITALISTS AND OTHERS,—The CO-OPERATION of a GENTLEMAN is REQUIRED, who can advance £3000, to COMPLETE the DEVELOPMENT of an important SLATE QUARRY in NORTH WALES, The benefit accruing to the mortgage will be from 30 to 40 per cent.—Appley by letter, to "W. A. C.," MINING JOURNAL office, 26, Fleet-street, London, Ed.

A SILVER-LEAD MINE: has been worked by the present proprietor for nearly two years at his sole cost. Discoveries have been made yielding returns, which may be continued indefinitely at an inconsiderable outlay. CO-OPERTION is DESIRED, to the extent of £590, in one or more sums, on the basis of half profits. Principals only will be treated with. Address, "Argentum," care of Win. Coleman, Esq., No. 53, Moorgate-street, London.

THREE-QUARTER SHARE in the TEMEXAL TIN MINE, situated in SAN BERNARDINO COUNTY, CALIFORNIA, FOR SALE, particulars and report, address "M.," the Bullionist, 7, Finch-lane, D.

GENTLEMAN having an extensive connection with merchants manufacturers, and others, would be GLAD to UNDERTAKE the SALE PATENTED ARTICLES or INVENTIONS, upon commission.—Apply W. T. RAWLE, patent and mining agent, 8, Small-street, Bristol.

WANTED, an AGENCY to SELL RED ORE, POTTERY MINE, COKES, or IRON, in the SOUTH STAFFORDSHIRE MS.
TRICT.—Address, "H.," at Willey's, wholesale stationer, Birmingham.

MINING JOURNAL.—FOR SALE, ELEVEN YEARLY Whole neatly bound, and in excellent condition.—Offers to be addressed to M.," Post-office, Exeter.

M ESSRS. DEBENHAM AND CO.
No. 37, MOORGATE STREET, LONDON, E.C. 64
(and at ST. ALBANS).
TRANSACT BUSINESS in every description of STOCK EXCHANGE SECU
RITTES, MINING and MISCELLANEOUS SHARES, at close market prices.
Special business in Chontales, Prince of Wales, and Great Retailack shares.

SHAREHOLDERS IN PUBLIC COMPANIES desirous of avoiding calls and further responsibility will find purchasers on applying to Mesers. BARRETT AND CO., 78, LOMBARD STREET, CITY, and No. 20 SPRING GARDENS, CHARING CROSS, Stocks, shares, mining, and other miscellaneous securities bought and sold. Investment Review on application Cash advances made.

CUIDE TO INVESTORS.—Mr. SPARGO'S "Guide to Investors" for the present month contains a tabulated statement of Banking, Mining and other Companies, showing the depreciation in value during the last twelvemonths; and a price list of shares in Banks, Canals, Rallways, Bridges, and Finance Companies up to Tuesday, the 8th irstant. It also contains article on "Bulls and Bears," and their effects; Retrospect of 1866, and Prospects on "Bulls and Bears," and their effects; Retrospect of 1866, and Prospects of 1867; the Revenue, our Position and Prospects; the Mine and the Rall; with pecessary detailed information connected with the Stock and Share Markets Mines, and Miscellancoins Companies.

224 and 225, Gresham House, Old Broad-street, London, E.C.

BRITISH AND FOREIGN INVESTMENT.—
MR. THOMAS SPARGO, STOCK AND SHAREDEALER, 224 and 225,
GRESHAM HOUSE, OLD BROAD STREET, LONDON, E.C., TRANSACTS
EVERY DESCRIPTION of BUSINESS in the PURCHASE and SALE of
SHARES in BANKS, CANALS, MINES, RAILWAYS, BRIDGES, INSURANCES, and ALL OTHER DESCRIPTIONS of BRITISH and FOREIGN
STOCK.

NOCK.
Mr. SPARGO has 20 years' experience of mining, ten of which he was engaged
Mr. SPARGO has 20 years' experience of mining, ten of which he was engaged nn: SPARGO has 20 years experience of the spare of the practical mining, and ten years he has transacted business in mining shares and stock, at 224 and 225, Gresham House, Old Broad-street, City, E.C. Bankers: Consolidated Bank, and Metropolitan and Bank (Limited).

CALLOWAY'S PATENT CONE TUBES FOR STEAM
BOILERS.—The introduction of these vertical taper tubes into the ordinary flued boilers PROMOTES the NECESSARY CIRCULATION of WATER, and thus INCREASES THEIR STRENGTH and DURABILITY.
Their adoption not only adds to the steam-producing power of the flues, but renders the practice of hooping with angle or tee iron rings quite unnecessary.
The tubes have now been in use upwards of 14 years, and above 22,000 are in work in various parts of the country, with the best results.
They can be easily fixed in existing boilers (owing to their taper form) by (ny boiler maker, but can only be obtained from the patentees, W. and J. Galdoway and Sons, Engineers and Boiler Makers, Manchester.

CAFETY FUSE.—Messrs. WILLIAM BRUNTON AND CO., PENHALLICK, POOL, near CAMBORNE, CORNWALL, and BRYMBO, near WREXHAM, MANUFACTURERS OF FUSE, of every size and length, as exhibited in the Great Exhibition of 1851, and supplied to the Royal Arsonal at Woolwich, the Arctic Expedition, and every part of the globe.

For the convenience of their customers and others in the North, W. BRUNTON and Co. have recently erected a branch manufactory at Brymbo, near Wrexham, where, as at Cornwall, they are at all times PREPARED to EXECUTE INLIMITED ORDERS for SUPPLYING FUSE, upon warrant that it will gove equal to, if not better than, any to be procured elsewhere.

E L F O R D, W I L L I A M S, A N D COPPER ORE WHARFINGERS.
SHIP BROKERS AND COAL EXPORTERS,
METAL AND GENERAL COMMISSION AGENTS,
SWANSEA. CO.

ELFORD, WILLIAMS, and Co. having erected an assay office, and engaged the services of a practical Corolish assayer, who will devote his whole time to this branch of their business, they are now in a position to make correct assays of sliver, copper, and other mineral ores, on the most moderate terms.

THE COAL TRADE.—It is gratifying to find that the coalowners fully appreciate the responsibility which attaches to them as a body for the lamentable colliery explosions which have recently occurred. Mr. Wm. Mathews, the Chairman of the Mining Association of Great Britain, has directed Mr. J. W. Day (the secretary), in convening the meeting of members to be held at the Craven Hotel, London, on Thursday, to "urge upon them the necessity of their attendance, so that as large a meeting as practicable may be formed,"—adding, "These recent deplorable accidents will naturally excite the attention of the Government, as well as that of the general public, and the association will be placed in a position of considerable responsibility." On Monday a meeting of the coal trade was held at Dudley (Mr. F. Smith in the chair), and was well attended, but no business was done, and an adjournment for a fortnight was agreed to.

MINERAL TRAFFIC ON SECONDARY RAILWAYS.—We have already detailed the amount of minerals carried in 1865 on the pricipal railway systems of the United Kingdom. We may now add a few similar details with regard to the amount of minerals conveyed over several lines of secondary importance. The Blyth and Tyne carried in 1865, 1,958,167 tons; the Bristol and Exeter, 174,768 tons; the Cambrian, 221,979 tons; the Cockermouth and Workington, 244,967 tons; the Cockermouth, Keswick, and Penrith, 53,809 tons; the Colne Valley and Halstead, 34,166 tons; the Cornwall, 56,572 tons; the Dowlais, 363,846 tons; the Festiniog, 81,982 tons; the Fleetwood, Preston, and West Riding Junction, 91,280 tons; the Furness, 1,030,943 tons; the Lishard and Caradon, 47,453 tons; the Lianelly, 529,868 tons; the Lishard Valley, 321,134 tons; the Londonderry (Seaham to Sunderland), 724,822 tons; the Manchester, South Junction, and Altrincham, 443,697 tons; the Maryport and Carlisle, 656,635 tons; the Mid-Wales, 63,107 tons; and the Monmouthsbire, 2,101,947 tons. Some of the lines which make no great figure in the world have thus a considerable mineral traffic. MINERAL TRAFFIC ON SECONDARY RAILWAYS,-We have already a considerable mineral traffic.

			LE	AD O	RE	s.		
Date	Mines.		Tor	18.	An	nou	nt.	Purchasers.
Dec. 19-	Llangyno	g United	70			-		 Walker, Parker, & Co.
Jan. 12-	Minera Bo	oundary	20		£12	18	G	 A. Eyton.
							0	 Sims, Willyams, & Co.
	Frongoch							ditto
	West Fron						6	 Runcorn Company.
-	waithco	ch	5		12	1	0	 Sims, Willyams, & Co.
	East Darr							Mining Co. of Ireland.
	Cwmystw					18	()	 Panther Lead Co.
	ditto .					1		Sims, Willyams, & Co.
_	ditto .		16		16	1	0	 Runcorn Company.
-	Whitewell		50		12	3	0	 Washington Co.

BLACK TIN.

 Date.
 Mines.
 Ts. • . q. lbs.
 Price p. ton.
 Amount.
 Purchasers.

 Jan. 4—Wheal Buller
 6 19 3 1 . . £51 5 0 . . £ 358 2 7—Carvedras.

 — ditto
 0 17 0 2 . . 36 10 0 . . . 31 1 2— ditto

COPPER AND COPPER ORES

old at Liverpool, from January 1 to January 14.

sold at Liverpool, from January 1 to January 14.

Messrs, Pitcairn-Campbell and Co. (Liverpool, Jan. 15) write—During the past fortnight the market has been unsettled by the action of some of the leading smelters, and their differences have resulted in the disruption of the Association. Whether it will be temporary, or what the consequences may be, it is difficult to appreciate, but the same thing has happened before, and a new understanding may possibly be re-established. In the meantime, business is interfered with, and, as duplicates of the West Coast Mail, via the United States, advise a full quantity of copper chartered for, we close with less animation. Stocks of copper produce (Chilian and Bolivian) in first and second hands likely to be available, at present here and at Swansea are as follows:—

Orcs. Regulus. Bars. Ingots. Barilla.

Liverpool 1470 1123 2260 579 373

Swansea. 5661 14895 357 67 67 84 118.

Liverpool 1470 1123 2260 579 373

Guotations are 15s. to 15s. 3d. for ore and regulus, 771. to 781. for bars, and 16s. 3d. to 16s. 6d. for Barilla. The sales since Jan. 1 have been—Mine or ship. Tons. Price.

Bars—Craigie Lee. 40 £71 0 0 Ore—Second hands. 500 . £ 0 15 0

Bars—Craigie Lee. 40 £71 0 0 Ore—Canadian. 500 . £ 0 15 0

Bars—Urmenita 13 76 10 0 Reg.—Second hands. 180 0 15 0

Bars—Urmenita 13 76 10 0 Reg.—Second hands. 180 0 15 0

Bars—Don Enrique. 23 80 0 0 Ore—Uneas 630 0 15 0

Bars—Don Enrique. 23 80 0 0 Ore—Uneas 630 0 15 0

Rag.—F. Danvers 100 0 15 0 Ore—Theta 590 0 14 0

Reg.—F. Danvers 100 0 15 0 Ore—Theta 590 0 14 0

Reg.—Delta 260 0 15 0

Reg.—Jerd Marnion 240 0 15 0

Reg.—

COPPER ORES.

Sampled Jan. 2, and sold at the Royal Hotel, Truro, Jan. 17.

Mines.	Tons.	Pri	ce.	1	Mines.	Tons.	P	rice	
Devon Great Con	nsols .124	. £5	8 (6	East Caradon				- 6
ditto	123	. 5	6 (6		35			-
ditto	122	. 5	17 (8		25		15	6
	119		3 (6	Devon and Cornw			3	6
	117		0 (0		52			6
ditto	109	. 5 1	11 6	8		38			G
ditto	107	3 1	6 6	3		86		9	6
ditto	105		1 6	3		23		14	0
	104		8 6	3		24			6
ditto	101	4 1	4 6	3	Wheal Friendship			1	6
	98	4 1	7 0)		72		10	0
ditto	85	. 3 1	1 6	3		41		16	4
ditto	29	4 1	6 6	3	Wheal Emma	61	4	2	6
ditto	32	11 1	1 6	3		51		19	0
ditto	31	13 1	3 6	3	ditto	37	8	17	0
Marke Vailey	90	3	8 6	3		12			6
	85		5 6	3	East Russell	56	6	9	6
	74		0 6	3		36		5	6
ditto	60		0 6		ditto	15	2	11	6
ditto	57	5 1	3 0		Bedford United	56	4	5	6
ditto	52	5	9 0)		38			67
ditto	32	3 1	1 0)	West Maria & For	tes. 22	0	19	0
Hingston Down.	94		0 0		ditto	20	1	14	0
ditto	90		0 6		ditto	18	4	11	0
ditto	80	2	9 6		Wheal Crelake	50	. 3	5	6
ditto	70	4	7 6		Caradon Consols	28	. 5	5	6
ditto	50				Fursdon	26	5	8	6
ditto	25	7 1			Wh. Mary Florence	e 20	. 5	1	G
East Caradon	87		7 6		Holmbush	13	. 2	12	0
	80	5 1	6 6	1					
dicto		TOTA	L	PT	ODUCE.				
Devon Great Con	.1416 £7	613	3 6	1	Bedford United	94 4	429	15	0

COMPANIES BY WHOM THE ORES WERE PURCHASED. COMPANIES BY WHOM THE ORES WERE PURCHASED.

Names.

Virian and Sons
399% £2340 14 11

Freeman and Co.
3371% 1354 18 2

Grenfell and Sons
319% 1920 18 9

Sims, Willyams, and Co.
852% 4967 16 2

Mason and Elkington
254 687 5 0

Copper Miners Company
324 1129 16 6

Newton, Keates, and Co.
852% 197 6 87 5 0

Sweetland, Tuttle, & Co.
282% 1074 8 9

Penclawdd Copper Company
231 901 6 6

Hadland and Company
42 54 18 0

Copper ores for sale at Tabb's Hotel, Re lruth, on Thursday next.—Mines and Parcels.—South Caradon 498-Clifford 341-North Treskerby 320-Wheal Rose 305-Phoenix 117-West Caradon 133-Craddock Moor 80-Great Wheal Busy 25.—Total, 1873 tons.

Copper ores for sale at Tabb's Hotel, Redruth, on Thursday week.—Mines and Parcels.—Wheal Seton 767—Clifford Amalgamated 565—West Scton 472—South Crofty 304—West Tolgus 300—East Pool 137—Wheal Basset 120—East Grenville 95—Dolcoath 54—East Basset 50—North Downs 44—Tresayean 34—Wheal Grenville 19.—Total, 2961 tons,

WATSON AND CUELL'S MINING CIRCULAR

WATSON AND CUELL,

MINING AGENTS, STOCK AND SHARE DEALERS, &c. 1, ST. MICHAEL'S ALLEY, CORNHILL, LONDON.

I, ST. MICHAEL'S ALLEY, CORNHILL, LONDON.

M ESSRS. WATSON AND CUELL having made arrangements for transferring their weekly Circular, which has had so large a circulation during the past ten years, to the columns of the Mining Journal, their special eports and remarks upon mines and mining, and the state of the share market, will in future appear in this column.

In the year 1813, when Cornish mining was almost unknown to the general public, attention was first called to its advantages, when properly conducted, in the "Compendium of British Mining," commenced in 1877, and published in 1843, by Mr. J. Y. WATSON, F. G.S., author of "Gleanings among Mines and Miners," "Records of Ancient Mining," "Cornish Notes" (second series, 1863), "The Progress of Mining," with statistics of the Mining Interest, annually for 21 years, &c., &c. In the Compendium, published in 1843, Mr. WATSON was the first to recommend the system of a "division of small risks in several mines, ensuring success in the Compendium, published in 1843, Mr. WATSON was the first to recommend the system of a "division of small risks in several mines, ensuring success in the aggregate," and Messrs. WATSON and CUELL have always a selected list on hand. Perhaps at no former period in the annals of mining has there been more peculiar need of honest and experienced advice in regard to mines and share dealing than there is at present and, from the lengthened experience of Messrs. WATSON and CUELL they are emboldened to offer, thus publicly, their best services to all connected with mines or the market, as they have for so many years done privately, through the medium of their own Circular.

Messrs. WATSON and CUELL transact business in the purchase and sale of mining shares, and other securities, payments of calls, receipt and transmission of divit ends, obtaining information for clients, and afording advice, to the best of their knowledge and judgment, based on the experience of more than 30 years active connection with the Mining Market.

Messrs. WATSON an

ways equal the expectations they may have heated at a property as mining.

Messrs. WATSON and CUELL having agents and correspondents in all the mining districts. and an extensive connection among the largest holders of mining property, have the more confidence in tendering their advice on all matters relating to the state and prospects of mines and mining companies, and are able to supply shares in all the best mines at close market prices, free of all charge for commission.

EAST WHEAL ROSE—"T. M."—We are not aware that any lead mine in this or any other country ever equalled East Rose in its glory; and this mine was once all but abandoned. A meeting of shareholders was called to "wind-up." when there appeared a balance of about 50%, in hand; and, as it was too small a sum to divide, it was agreed that it should be expended in driving a cross-cut; and for this one of the richest lead lodes in the world was discovered. We first introduced the mine to the London market in 1843, and bought shares largely for our friengs, at from 300%, to 80%, per share, and they rose soon afterwards to 15.0%, each. It commenced dividends in 1840, and in 1845 the present writer visited the mine and published a detailed description of it, and also of the surrounding district, which had then been divided into "setts," and every variety of "Roses." The dividend in 1845 was 413%, 10s, per share, or 52.9284; and, altogether, 274.580%, was divided among the shareholders (from 1840 to 1851) as profit up na very small original outlay. The lode, when first discovered, cropped up to the surface, and was of so soft a character that an enormous quantity of timber had to be used in the levels to "board up the lode" and prevent the levels runing together; and the "beginning of the end" of the mine may be said to have been a "water-spout," that broke over the mine in a severe storm—burst down one of the shafts, and drowned about 40 men. We forget now in what year this was, but the mine never looked up afterwards. It is singular, also, that South Tamer should have been destroyed the whole mine, when the reserves of ore were said to be worth 50,000%; and, as there are always plenty of people to show up one's failures, we do not see why we should not sometimes look at the successes; and, therefore, we may add that this mine (South Tamer) was brought. The filter Tamer broke in and destroyed the whole mine, when the reserves of ore were said to be worth 50,000%; and, as there are always plenty of people to show up one's f EAST WHEAL ROSE-"T. M."-We are not aware that any lead mine

HIVERTON .- We stated in last week's Journal that we had a special re

ture, speaking of seven coal mines in the Basilicata. As to the dissolide of the last-named province, the city of Potenza, its capital, has entered into a contract for lighting it with gas produced from a material which lies in great abundance all around.

GOLD AND METALLIC ORES IN AMERICA.—The precious metals are deposited in three broad belts, stretching across the United States, one known as the "Appalachian Gold Field," traversing the older States of the Union a line parallel with the Atlantic coast, and appearing in Virginia and North Carolina; the other as the "Rocky Mountain Gold Field," traversing all the more recently organised territorics of the United States; and the third as the "Sierra Nevada Gold Field," extending through the country bordering on the Pacific. Iron is at the same time the most generally distributed through the public land States, and it has been estimated that there is iron enough in Missouri alone to supply a million tons per annum of manufactured iron for the next 200 years; while lead, tin, and zinc are found in several of the States and territories. Copper in immense quantities is found in the vicinity of the lake east of the Mississippi, existing likewise in greater or lesser degree in the region extending from the Mississippi Valley to the Pacific. The precious metals exist chiefly in California, in Nevada, in North-Eastern and South-Western Oregon, in Washington territory, in Idaho, Montana, Colorado, Southern Utah, New Mexico, and Arizona scattered over an estimated area of a million squaremilies, and now yleiding an annual product in gold and sliver, according to the best attainable estimates, of over 8100,000,000.

GOLD IN THE UNITED STATES.—The internal revenue returns or GOLD AND METALLIC ORES IN AMERICA .- The precious metals

GOLD IN THE UNITED STATES .- The internal revenue returns the production of gold in the fiscal year 1866 at \$93,219,374. The pro-of gold in 1865 is estimated at \$73,544,358,—an increase in the year 1866

CENTRAL DISCHARGE WATER-WHEELS .- An improved centre Battan Discharge waters wheel is at present being made in San Francisco. Where there good head of water it is probably one of the most simple and effective wheels can be obtained. The form is similar to Guibal's ventilating fan, but it works the reverse way.

SOUTH FOWEY CONSOLS COPPER MINE,
Situate in the parish of FYWARDREATH, CORNWALL.
In 6000 shares.
On the Cost-Book System, which possesses all the advantages of the Limited
Liability, without its flues, penalties, and winding-up cumbrons
processes, as any shareholder can, at any time, terminate
his liability by a written notice to the purser.
Deposit on application, so, per share; payment on allotment, 5s, per share;
all to go towards the general expenditure of the mine.
Future calls to be made as required.

Directors.

The Rev. Dr. TREFFRY, Place, Kowey, Cornwall.
ROBERT THOMAS HEAD, Esq., the Briars, Exeter.
EDWARD LAMBERT, Esq., 28 York-terrace, Regent's-park, London.
E. W. BRYDGES WILLYAMS, Esq., Nanklevel, St. Columb, Cornwall.
WILLIAM WEST, Esq., Tradenham House, St. Blazey, Cornwall.
W. S. SUTTON, Esq., Brighton.
(With power to add to their number).

BANKERS.
Messrs, Robarts, Lubbock, and Co., Lombard-street, London.
Messrs, Willyams, Treffry, West, and Co., South Cornwail Bank, St. Austell.
SOLICITORS.

R. W. Head, Esq., Exeter; and
Messrs. Hampton and Burgin, 8, John-street, Bedford-row, London.
PURSER—Mr. William Polkinghorne, Woodlands, Par Station, Cornwall.
LONDON AGENT—Jehu Hitchins, Esq., St. Michael's House, Cornhill, London.

PROSPECTUS.

This sett extends nearly a mile in length from east to west, and half-a-mile in width from north to south, having on the south-west Par Consois, and on the north-east Powey Consols, which miles have been two of the most productive in Cornwall, having yielded upwards of three million sterling in copper and tin ores, giving profits to the shareholders of more than four hundred thousand pounds. A shaft already sunk in the western part of the sett could be immediately made available, and when the water is drawn therefrom copper ores could be at once raised.

at once raised.

Twelve highly promising copper iodes have been discovered within the sett, from two of which, some years since, a quantity of copper ore of good quality was raised and sold; but from want of sufficient capital, these and the other lodes were not explored.

from two of which, some years since, a quantity of copper or or of good quality was raised and sold; but from want of sufficient capital, those and the other lodes were not explored.

It was always the intention of the late enterprising and successful miner, Joseph Thomas Treffry, Esq., to have properly developed this mining property. The Cornwall Railway passes through the property. Par Station adjoins it, and Par Shipping Harbour is about a mile distant; hence the produce of the mines and all necessary stores can be conveyed at comparatively very little expense, which are advantages of great importance.

Several working miners, who have been employed in the adjoining mines for many years, think so highly of the set that they have subscribed for shares, and paid the deposit thereon; moreover, a large amount is promised to be subscribed for by inhabitants of the mcighbourhood; this is a proof of the high opinion held by those who best know the ground.

Leases for 21 years have been secured within the last year on advantageous terms, the dues ranging from 1-18th to 1-16th.

It is intended by mutual arrangement with the Fowey Consols Mine adventurers to unite with their setts, with a view of further developing several very promising lodes, which are known to exist in maiden ground, in the Fowey Consols agree to suspend the old and deep working-of their mine, and to make over their right and interest in the present setts and machinery to the new company, of which they will form a part to the extent of £6000 (the value of the said setts and machinery), to be apportioned to them respectively in shares in the new concern, according to their several proportions of the said £6000.

By such scheme the South Fowey Consols present pumping power, and will ensure to themselves the great advantage of having an abundant supply of water at an annual rental for the various operations of stamping, winding, crushing, &c. This will save an enormous expens.

With an additional capital of £12,000 to the £5000 above referred to, it i

urser, or London agent. Application for shares to be made, accompanied by the deposit of 5s, per share, o the purser or to the London agent. 2500 shares were taken before the Issue of this prospectus.

REPORTS.

REPORTS.

South Caradon Mine, Liskard, Nov. 17, 1868.—Having been one of the principal agents of the Fowey Consols Mines for its years, which join the ground intended to be worked by the above company, I know the whole sett well, and that there are several very promising lodes contained in it that are well descring of vigorous development, and, if that is done, my firm belief is the parties will be well remunerated for their outlay.

PETER CLYMO.

Surption, Kingston-on-Thamas, Oct., 27, 1836.—The mining ground, for the exploration and working of which it is proposed to form a company or association, ander the title or denomination of the South Fowey Consols Copper Mining Company is situated south of and immediately contiguous to the well-known, and for a long period largely productive, Fowey Consols Mines, and contains several arge and, with one or two exceptions, hitherto untried lodes of considerable promise; and from my nersonal knowledge of the ground in question, and taking not account the facility with which it can be explored to a satisfactory extent, it a comparatively small expense, by means of water power obtainable from the adjoining mines, which I presume will render it unnecessary to have recommended to the investment of maintains the highly metalliferous character of the listrict. I have no nesitation in stating that I consider it to be an excellent speculation for the investment of capital, and that If explored in an effectual and systematic manner, and with a due regard to economy, there is, in my opinion, every probability of its becoming within a reasonable period, remineratively productive.

20 DECOMMENT OF THE RICK.

systematic manner, and with a due regard to economy, mere is, in my opinion, every probability of its becoming within a reasonable period, remineratively productive.

St. Bluzey, Nov. 12, 1866.—This extensive mining sett is situate in the parish of Tywardreath, and joins the southern boundary of Fowey Consols Mine. It is a very promising piece of mineral ground, containing numerous lodes parallel with Fowey Consols does, and which lodes have been so very productive in Fowey Consols Mine, particularly at the shallow levels. These lodes are of the most favourable character for producing rich bunches of copper ore, being embedded in a beautifully mineralised scratum of killas, and in the direct parallel line of productive mineral-bearing ground, situate between the Fowey Consols and Par Consols Mines, and which two mines have yielded enormous quantities of copper and tin ores, and thereby given humense profits to the shareholders. The western part of the set also contains "Sawle's Mine," which is sunk to the 80 fm. level, but only worked to a small extent, and on one lode. The lode is large, and produced a large quantity of copper ore. The lodes above referred to, and which recommend being worked, are both north and south, and within a short distance of the one worked on in Sawle's Mine, and of equal promise for producing rich hunches of copper ore. These lodes and branches of various sizes, and 12 in number, have been intersected by driving an adit northward from the valley below. Some of them are of an exceedingly promising character, for lodes see at such a shallow depth, being only a few fathoms below the surface, where they have produced rich stones of copper ore. For the effectual working of these lodes in the southern partion of the sett, I recommend a good engine-shaft being sunk in the central part thereof. But for the development of this valuable mineral property, I would most strongly recommend its being worked in conjunction with the shallow levels of Fowey Consols sett, as very great advantages would large and powerful stream of water which is now used to engines in the deep part of the old mine eastward, could be diverted therefrom, and made applicable for working a water-wheel at the new shaft, and which would obviate the necessity of erecting a new steam-engine for the speedy development of the several lodes referred to. These advantages I consider to be more than ordinary, and from the locality and nineral-producing character of this new south ground, I am of opinion that, with sufficient capital to prove the mine, combined with perseverance and economy, the shareholders will be well remunerated for their outlay, and that it will prove a lasting and profitable mine—indeed, I do not know a better speculation in the country of Cornwall.

FRANCIS PUCKEY.

Managing Agent, Fowey Consols, Par Consols, and Cuddra Mines.

Dolcouth Mine, Camborne, Dec. 11, 1866.—This sett lies immediately to south of Fowey Consols, which has been so very productive for a long periand is in the same geological formation. Several lodes have been discovered the sett, one of which is said to have been worked on to the depth of 80 fathors. the sett, one of which is said to have been worked on to the depth of 89 fathoms below adit, and to have produced considerable quantities of copper ore. Some of the other lodes have only been seen in the adit level. We understand that it is proposed to work the sett in connection with Fowey Consols, which will be a great advantage, as that mine is sunk to a great depth, and provided with ample machinery for pumping. &c., so that cross-cuts can easily be extended into the new sett to intersect several of the iodes. Looking at the position of the mine, and at all the circumstances in connection therewith, we consider it to be a speculation of no ordinary promise, and one which is likely, if extensively worked, to be profitable to the adventurers.

CHARLES THOMAS & SON.

In addition to the above reports, there are several others open for inspection rom different mine agents and old tributers; but it is considered enough has seen said, and the authorities quite sufficient, to show the importance of this ndertaking.

O B E R T L I B B Y A N D MINE AND SHAREDEALERS, CAMBORNE, CORNWALL.

Notices to Connespondents.

* Much inconvenience having arisen in consequence of several of the Numbers during the past year being out of print, we recommend that the Journal should be filed on receipt: it then forms an accumulating useful work of reference.

BISMUTH.—Will any of your readers kindly inform me who are the buyers of this mineral, and in what form it is usually brought into the market, whether reduced to pure metal, or simply dressed by washing, as other ores.—T. W. SIR,—Will any reader give me the address of the Havan Silver-Lead Mining Company, late of No. I, York-buildings, Adelphi, London? Doing so will be esteemed a favour.—H. D.

Company, late of No. 1, York-buildings, Adelphl, London? Doing so will be esteemed a favour.—H. D.

SIR,—Will some reader kindly inform me, through the Journal, whether coal deterlorates in value by exposure to the air, and whether its heating properties are in any way injured thereby?—INQUIRER.

MINERAL SPECIMENS.—I send you herewith a small piece of Iron pyrites and a mineral specimen, concerning which I should like some information. The piece of pyrites is from the vein on which I am at present driving a level. A little lower on the brook than the outcutting of the level, I ordered that the rock should be blasted and lowered, to dislodge the water, when, to my surprise, I found that the pyrites vein had been entirely cut off by a thick mass of the greystone enclosed, ranging nearly east and west, and which I find upon minute inspection contains small yellow particles, of metallic lustre. I should be glad to learn what the metal would probably be.—E. T. Liangolien.

CENTRAL MINERA.—If "J. W. T." (Forest Gate), noticed in last week's Journal, would apply to the manager at the mine he can obtain every information in respect of its present position and prospects. There is nothing to conceal from the shareholders. The mine will bear comparison with many the shares of which are now at a premium, and, although much has been expended without making any permanent discoveries, there are sufficient evidences to guarantee profitable results shortly. As a shareholder, would recommended a more spirited development, especially in the western portion of the sett.—Wrecham, Jan. 17.

EAST PROVIDENCE MINES.—In last week's Journal the report on these mines read—"The plat to cut at the 94, at Boorman's, by eight men and four boys, at 401, per fm.;" it should have read—"at a contract for 404." And, again—"The 70 to drive east by four men, at 432, per fathom; it should have been "44.35, per fathom," —Thomas Hollow' Lelant, Hayle, Jan. 17.

SHARE DEALING.—We never interfere in the sale or purchase of shares; neither do we recommend

SHARE DEALING.—We never interfere in the sale or purchase of shares; neither do we recommend any particular mine for investment or speculation, or broker through whom business should be transacted. The addresses of most of the latter appear in our advertising columns.

THE MINING JOURNAL,

Railway and Commercial Gazette.

LONDON, JANUARY 19, 1867.

Messrs. H. Herries Creed and Walter Williams, jun., are once more before the public, in a very verbose communication to the Times, of nearly three columns long, on the question which our contemporary heads as "Foreign Competition" in the iron and conlitrades, and to which we drew attention a few weeks since, in the spirit in which the Times now enunciates its views on the subject. Our contemporary truly says that "every question has two sides; and however sound may be the reasoning of Messrs. Creede and Williams, from the master's point of view, it would have been more conclusive had it done fuller justice to that of the men." In this we fully concur. It is the gist of the argument in the light we view it, for it is clear that all things show the same disposition on the part of men on the Continent to combine, as here, in Unions against their employers, or, at all events, in supposed self-protection; and the same results must follow in Belgium, France, and elsewhere, as with ourselves, so soon as the organisation of these societies is matured. The consequence to our ironmasters is that they cannot reckon on the continuous labour of those they employ so as to ensure punctuality in their deliveries, and hence it occurs that an inferior article is sometimes accepted from foreign manufacturers, who can fulfil their engagements with precision, rather than to wait for a superior manufacture, where completion of orders are subject to the caprice of the employed, or, rather, to the conduct of those politicians who influence and, indeed, control these Unions or associations of working men, that they may personally benefit by strikes, at the cost, comfort, and often ruin of both the employed and the employers. We disagree entirely with the opinions of these gentlemen, who are now striving to write themselves into notoriety by notes of an autumnal continental tour, but concur fully with the Brierley Hill Association, who declare that, in their opinion, "there is no real cause for either them or their emplants."

themselves into notoriety by notes of an autumnal continental tour, but concur fully with the Brierley Hill Association, who declare that, in their opinion, "there is no real cause for either them or their employers to be alarmed about any competition from foreign countries."

The desire, moreover, to extend the system of Trades' Unions to France and Belgium will more materially prevent this supposed advantage of foreign manufactures, and in this spirit—although undoubtedly not intended by the framers—is the resolution of the Council of the London Trades' Union, who declare "That this meeting is of opinion that the condition of the working classes can never be much improved, and is in danger of being seriously depreciated, while the people of different countries have no regular intercommunication among themselves for the purpose of regulating the hours of labour and assimilating wages." If this system be carried out it must result in benefit to our own manufacturers and producers, for if the same power over lating wages. It this system be carried out it must result in benefit to our own manufacturers and producers, for if the same power over masters be given to the men on the Continent as is exercised here, the position of the several countries will be assimilated in that respect, and this country will continue to absorb the larger part of the business of the world. However, setting aside these speculations—for they are nothing more on the part of the promoters of such resolutions—and returning to Belgium and solid facts, we find by the article from our own Foreign Correspondent, inserted in another column of tions—and returning to Belgium and solid facts, we find by the article from our own Foreign Correspondent, inserted in another column of this day's Journal, that, so far from the iron trade in that country being in the flourishing state represented by Messrs. CREED and WILLIAMS, and monopolising continental-orders, a meeting of the Belgian Association of Ironmasters has been held, where they discussed the propriety of putting out of blast five or six furnaces, and the reduction of wages, and the utility of the course proposed was unanimously approved, the reduction of wages being to the extent of 10 per cent. Surely, therefore, the reduction of wages and of production would not have been resolved upon if the trade of the country had been in the position depicted by the writers of these voluminous letters.

We had not intended to have again alluded to this subject, having, as before stated, drawn attention to it in former articles, but we are compelled to say a few words further in consequence of the point now more pointedly mooted by Messrs. CREED and WILLIAMS, as to the co-operative, or partnership, principle between master and man.
These great authorities say that, "as far as the experiment is concerned, its working and its results have been so insufficiently placed before the public that it is not possible, except speculatively, to pronounce an opinion as to what it has done, or is likely to do; while as ragards the theory, we fail to see in it either novelty in idea or soundness in principle." Here we are again at issue with these writers. The system has been adopted, and the "principle" proved most sound and efficacious; and Messrs. CREED and WILLIAMS show the animus of their remarks, as appear to us, by declaring that "its results have been too insufficiently placed before the public to pronounce an opinion;" yet have the temerity to assert that they "fail to see in it either novelty in idea or soundness in principle;" and in the concluding paragraph of their letter to the Times they give a case as "another obstacle, and that a serious one," of an iron manafacturer being the owner of a freehold, whose surface soil is day by day destroyed by the produce of the coal and iron from beneath, and "so eating up the very corpus of the estate." "Is it possible," sny Messrs. CREED and WILLIAMS, "in such a case to constitute s partnership with men who have no capital but labour, and no means of bearing the burden of liability?" To our minds this argument is simply puerile. No landowner yet ever refrained from securing comsimply puerile. No landowner yet ever retrained from securing com-pensation for surface damage, and all such charges are necessarily deducted before there is division of profits with the men; indeed, it would be an advantage to the landowner to have "the very corpu-of the estate" thus eaten up than otherwise, from the fact that the damage compensation is always far beyond the mere agricultural or pastoral value of the soil. This, of itself, would have been enough to throw light on the peculiar views which these conflower. enough to throw light on the peculiar views which these gentlement entertain; but the concluding sentence is a consummation of all that is curious, if other and stronger words be not applicable. "We recommend them (the men)," they say, "before they come absolutely

the conclusion that partnership with their masters would be an ivantage to them, to endeavour to ascertain the proportion of flures in the iron trade to fortunes realised." This may be honest, it, we think, is in very bad taste, and we strongly recommend the meral adoption, both by masters and men, of the principle of co-paration, which will tend quickly to render the latter perfectly inspendent of the influence of Unions, and the former equally indeedent of strikes. Unionism is a snare laid by the crafty to entrap the deworking man within their grasp, and everything that is done to tak through this pernicious system is a step in the right direction, which is in our opinion, will tend more to bring about an amicable of co-existent principle of action between master and man than at of mutual beneficial co-operation, after due and proper commentation is given to the proprietors, either for land, plant, or whater it may be, and we wonder, therefore, that Messrs, Creed and LLIAMS can have the assurance to try to deter men from this bedt by the sinister inference that ironmasters should not be corrated with, by urging them (the men) "to ascertain the proportion of failures in the iron trade to fortunes realised." the conclusion that partnership with their masters would be an

The arrival of the Australian mail places us in possession of information with respect to some of the mining undertakings in South Australia, all of which appear to be progressing satisfactorily, with very probability of great results in many cases. From the Burra, foonta, and Wallaroo, we have not details, but correspondents state hat the latter is getting rapidly into great favour, and many are of prince that it will outstrip the Moonta in richness of ore and quantification. Burra Burra shares (5t. paid) were selling at 0t. and Mooata, also 5t. paid, at 126t., while the price of copper ras 83t. per ton. Proceeding to the details as to mines, it appears hat the accounts from the Worthing show that if the price of copper ontinues to advance in this country they will very soon be able to how good profits, per month. The regulus from the ore smelted gives in average of over 11 per cent. of the latter, and yield better month by month as they descend in depth in the workings. The stopes in the leep levels looked well. The number of hands employed in the miner 126. The English and Australian Copper Company had shipped 100 tons of copper since the previous month, and had three smelting and the roasting furnace, and one refinery, at work at Port Adelaide. The Yorke Peninsula Company report that the several levels continue to improve, and the lodes generally were looking well. From the e Yorke Pennsula Company report that the several revels continued improve, and the lodes generally were looking well. From the mat Northern the manager, Captain James, states that they are king close to the junction of two new branches, where it is usual find ore, and which he calculates upon doing—indeed, there seems od ground for expecting a revival of this undertaking in its best are; at all events, for giving the property a further and more prefet trial. A few tons of rich ore had been raised from the aleena Mine.

Nuccaleena Mine.

The directors of the Yudanamutana have letters from their agent, dated Nov. 23, who says—"I have to advise a further shipment of 13 tons 7 cwts. of copper per Goolva, which vessel has sailed. I have also shipped per City of Adelaide 3 tons of copper, and hope to send 50 tons by her, and have now at port, and in transit thereto, 17 tons of copper, which will be shipped in about ten days. The wood contractors are delivering a large quantity of fuel weekly, and we shall shortly have more than twelve months' supply on hand." While, with respect to Blinman, Capt. Anthony reports that—"The bottom of the 10 fm. level, north of No. 4 shaft, is being stoped by six men; lode 8 feet wide, of 12 per cent. ore as broken; and three men are stoping the back of the 10; lode 5 feet wide, of 14 per cent. ore as broken. No. 2 furnace has been at work during the past four weeks, and made 18 tons of copper. No. 3 furnace has worked two weeks, broken. No. 2 furnace has been at work during the past four weeks, and made 18 tons of copper. No. 3 furnace has worked two weeks, and made 9 tons of copper. Both furnaces are now in good repair. During the last month I have smelted the following ores—54 tons of burrows, 73 tons of smalls, and 30 tons of third and fourth class ores, and have made therefrom 27 tons of copper."

MINING, METALS, AND MINERALS—PATENT MATTERS, By M. HENRY, Patent Agent and Adviser, M. Soc. Arts, Assoc. Soc. Eng.

Among the numerous applications of metals to purposes in the useful arts, its employment in naval architecture has become recently of very great importance; in fact, it is only within the last few years that naval architecture itself has attained a special position as a branch of what may be designated scientific industry. The establishment of the Institute of Naval Architects, and the organisation of the Government School of Naval Architecture, are steps in a wise direction. If England is to retain the empire of the seas, or even to compete with other nations on an element, and the organisation of the Government School of Naval Architecture, are steps in a wise direction. If England is to retain the empire of the seas, or even to compete with other nations on an element, she must maintain her position no less by the build and appliances of her ships than by the quality of the hands that man them. Possibly the vexed question as to the relative sea-going qualities of wood and metal is not yet satified, nothwithstanding the hard run lately made in the latter direction. That we have not yet reached the ne plus ultru of accuracy of form in the material in present vogue may be readily admitted. Canning's glorious description of a ship with her sails set would assuredly not apply to the unpleasant-looking metal craft which are the modern substitutes for our ancient graceful "hearts of ak," which, according to the old patriotic song, "were our ships." Fortunately, the same description of "hearts of oak are our men." It may also be presumed that the solution of the problem as to what may be the best metal for purposes of naval architecture has not yet been positively arrived at. The liability of iron to corrosion and fouling is one among other objections to its use. Numerous patents have been taken out in reference to this subject. A specification, having for its object to prevent this corrosion and fouli MINING, METALS, AND MINERALS - PATENT MATTERS. By M. HENRY, Patent Agent and Adviser, M. Soc. Arts, Assoc. Soc. Eng.

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red on or before Feb. 5:—No. 2278, WEBB, glass or meiting furnaces.—No. JOHNSON (communication from Madame Delong), cutting frets on metal.—No. 2470, VAN DERBURGH, artificial stone cements, and other composts.—ROBERTSON, No. 2586, furnaces, fire-places, and fire-bars.—No. 3273-OMAN (communication from Cordurie), lead and argentiferous litharge.
3204, NEWTON (communication from Reynolds), welding steel to malicable. and tempering steel.

Among Patents sealed the following may be noticed:—No. 1823 f. C. FOURNEL, for the manufacture of Iron and cast-steel.—No. 1902, SAUNDE und PIPER, for tin and terne plates.—No. 2931, BONNEVILLE (as a communation from J. L. Vergniais and J. A. Chéron, of Paris), for an apparatus excavate, deepen, scour, and remove mud, &c., from harbours, havens, gu

FOREIGN MINING AND METALLURGY.

FOREIGN MINING AND METALLURGY.

A slight check has appeared in the Belgian coal trade; nevertheless, prices have preserved great firmness, and the deliveries, by rail-way especially, continue to be as active as possible. At Liège the current price for coal of first quality is 19s. 2d. per ton, and of coal from miscellaneous sources of supply 12s. 10d. Unwashed coke has made 1l. 4s., and unwashed 1l. 5s. 3d. per ton. The Belgian Association of Forgemasters has just held a quarterly meeting. The proceedings of the coke has made 1l. 4s., and unwashed 1l. 5s. 3d. per ton. The Belgian Association of Forgemasters has just held a quarterly meeting. The proceedings of the meeting, which was numerously attended, were very interesting, the three questions discussed being—first, the extinction of five or six blast-farnaces; escondly, a reduction in wages; and, thely would have been adopted if the representatives of two siderurgical companies had not preferred to decline to enter into a definitive engagement for some days. It is understood to decline to enter into a definitive engagement for some days. It is understood bus to the summer of the

at Faris; Bank of Mines, Jan. 29, at Paris; and Mulheim-sur-Ruhr Mines Company, Jan. 29, at Mulheim, &c.

The production of the coal mines of Belgium during 1865 amounted to 11,840,000 tons, showing an increase of 740,800 tons over 1864. The share of the Hainaut in this production was 9,200,000 tons, and in the increase 535,000 tons. This augmentation was divided as follows between the three basins of the Hainaut:—Charleroi, 295,000 tons; the Mons (Borinage, 131,000 tons; and the Centre, 108,000 tons. The wages paid appear to have improved last year.

The price of copper has been firmly supported both at Berlin and Cologne, with an upward tendency. The reports received from Havre are less satisfactory; in consequence of the last advices from the Southern Seas, announcing deliveries of some importance—comprising 2000 tons of fine copper for England and 50 tons for France—the market has sensibly retrograded. A lot of 25 tons of first mark, to be delivered at the end of January, has made 781, 168, per ton, Paris condicions; another lot of 29 tons, to be delivered at the end of March, 791, per ton. The Sale is also mentioned of 85 tons, to be delivered at the end of March, 791, per ton. The Sale is also mentioned of 85 tons, to be delivered at the end of March, 791, per ton. The Sale is also mentioned of 85 tons, to be delivered at the end of March, 791, per ton. The Sale is also mentioned of 85 tons, to be delivered at the end of March, 791, per ton. The Sale is also mentioned of 85 tons, to be delivered at the end of March, 791, per ton. The Sale is also mentioned at 85 tons, to be delivered at the end of January, at 784, 108, per ton. The Paris market continues quiet at the prices of last week, with a little feebleness, nevertheless, in Chilian, which is maintained at 791, to 801, per ton. Afresh alvance is reported in tin. On the Amsterdam and Rotterlam markets Banca has been particularly in favour, various lots have been run off at 504 ft. to 51 ft., while holders have in some cases sood out for 514 ft. The po

REPORT FROM SCOTLAND.

GLASGOW, JAN. 15.—So far as we have been able to ascertain, a large majority of the malleable ironworks in Scotland have commenced this week at the reduction of 10 per cent., the workers accepting of the reduced rate of wages wisely and willingly. The reason why the resumption of operations at the malleable works was so long deferred after the close of the holidays was to enable employers and employed to understand each other definitely, so as to avoid a collision. The whole question of wages may be said, therefore, to be satisfactorily settled, at least for a time, and the quotations for manufactured iron were formally announced yesterday by several first-class tistactorily settled, at least for a time, and the quotations for manufactured iron were formally announced yesterday by several first-class houses at a reduction of 10s. per ton, second quality having only given way 7s. 6d. per ton. Orders which had been kept up at the close of the year are now offering, and, what is not a bad sign, prompt delivery is requested. Plates are also more enquired for, and are now quoted at from 8l. 15s. to 10l., according to brand. Other descriptions of malleable iron are reduced in proportion. The lap-welded between the control of surveying instrument mast centry occasion by the control of the control o

The shipments are altogether 25,458 tons, which is regarded as large The shipments are altogether 25,458 tons, which is regarded as large for the season of the year. The reduction in the colliers' wages has not yet become general; and when it does come, if that "flambeau of philosophy," secretary M'Donald, gets the men to follow his advice, they will meet the proposed reduction by still further restricting their hours of labour, and he will no doubt endeavour to persuade them that by working three days a week instead of six they will have gained some 16l. to 20l. per man extra by the end of the year. Mr. M'Donald's gains, to be understood, must be all judged of by the "rules of contrary." There are to be several meetings of miners this week on the wages question, and all that is wanted is a wise head to direct them to a considerate issue. direct them to a considerate issue.

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

JAN. 17.—There is less probability of a strike than appeared last week. The Millmen's Association have decided to accept the reduction, with the proviso that it is not to exceed 10 per cent. in any case; and that when the advance of wages was, as is alleged, only 5 per cent., the reduction should not exceed that amount. A meeting of the Puddlers' Association, held at Brierley Hill, on Monday, resulted, it is understood, in a resolution in favour of resistance, but this awaits ratification. It is said, on tolerably good grounds, that there is a strong undercurrent of feeling amongst the men in favour of accepting the reduction, and there can be little doubt that this is strengthered by the severity of the weather. The prospect of a stoppage of

strong undercurrent of reeling amongst the men in tavour or accepting the reduction, and there can be little doubt that this is strengthened by the severity of the weather. The prospect of a stoppage of wages during the existence of frost and snow is a very gloomy one. The North Staffordshire men, it is generally understood, will go in without a struggle; and, on the whole, it seems highly probable that the puddlers of South Staffordshire will not do more than play for a short time, or, possibly, stop one or two works. There is no improvement to report in the state of trade, which is very dull.

The enquiry as to the lamentable accident at Talke, in North Staffordshire, is still proceeding, having been adjourned from to-day until the 31st inst. The evidence adduced so far gives great force to the glarjing defect which has been pointed out in Inspectors' reports in these letters, and in other ways, in the working of mines in Staffordshire—namely, the want of discipline. The mine, especially parts of it, was liable to frequent emissions of gas, very variable in amount. The further evidence taken at the inquest proves that Mr. M'Donald's statement as to the habitually dangerous state of the mine was substantially correct, and it is much to be regretted that the Miners' Union officers did not think it worth their while to lodge a formal complaint with the Government Inspector, which

that the Miners' Union officers did not think it worth their while to lodge a formal complaint with the Government Inspector, which could have been referred to in case an accident afterwards occurred, and which could have been referred to in case an accident afterwards occurred, and which could have been referred to in case an accident afterwards occurred, and which could be a server of the country of the property of the few. Mr. Whittential has a bould the larty be all of the stamp of the one that rearred out when you mentioned my stances that the forman of the pry (the few. M. M. Mittential) has positively stated that he is intimate with Mr. Johnson, the manager, and that the larty states that the forman of the pry (the few. M. M. Mr. Mittential) has positively stated that he is intimate with Mr. Johnson, the manager, and that the larty states that the state of the property states that he is intimate with Mr. Johnson, the manager, and that the larty states that he is intimate with Mr. Johnson, the manager, and that the larty states are the states as a state of the states and the state of the

the lamps were re-lighted in the return air. The explosion was as much duet the lax discipline as to anything else. The underground manager ought to have discipline as to anything else. The underground managerought to hav what was going on. He did not believe Mr. Johnson, the general manager If Nicholls said he did not know, he believed him; but he ought t

It is certainly to be regretted that workmen have not the courage It is certainly to be regretted that workmen have not the courage to state what they know with regard to accidents, but that they have not is proved at almost every inquest. The jury at Talke, however, showed a strong bias in favour of the management, and when Mr. Coe, manager of the Biddulph Valley Collieries, expressed his opinion that a great deal of credit was due to Mr. Johnson, the general manager, and to Mr. Nicholls, the underground manager, the jury expressed their approval by stamping on the floor. Possibly those gentlements of the control of the state of the control o nager, and to Mr. Nicholls, the underground manager, the July Capressed their approval by stamping on the floor. Possibly those gentlemen deserve the credit given them, but certainly the jury hardly showed that state of mind which waits to hear all the evidence, and seeks only to discover the truth. It is most earnestly to be hoped that the information Mr. M Donald has to give should be placed before the jury and the world, so that if there is blame it may fall on the right shoulders; and, if the information is untrue or exaggerated, it may be refuted.

it may be refuted.

The great question is how can discipline in collieries be improved?

Here are a lot of men working under regulations designed for their own safety, yet many of them habitually disregard them, and no one reports such violations to those in authority. It is evident that the popular feeling is either against these precutions or is listlessly indif-ferent. Everyone knows how entirely in a question on which they feel a deep interest a minority of workmen have to yield to the majority, yet here what endangers human life was regularly done with impunity, and not a single man felt it his duty to report. How can this be altered? Until it is, regulations are vain, and mine inspection comes to little. The men think little of an unseen danger; they set aside precautions for their safety, and those over them wink at their disregard of the regulations which are supposed to be in force. Nothing but an improvement in the miner's mind, the cultivation of his reflective faculties, will awaken that lively sense of possible ac-cident which will give constant value to prudent precautious, which experience has shown to be necessary to avoid danger. Amongst the work which the leaders of Miners' Unions strive to effect, can they not encourage a popular feeling in favour of the strict observ-ance of colliery regulations?

THE COLLIERS STRIKE IN THE ASHTON DISTRICT,—At a meeting of the Coalmasters' Association for the district of Ashton and Dukinfield, on Thursday, after considerable discussion, it was resolved:—"That, in consequence of the severity of the weather, and the impossibility of the public obtaining an immediate supply of coal, the demand of the men should be acceded to, the masters having determined, unitedly, at an early period to reduce the price of coal, and lower the wages of the men to the same level as those in the surrounding district.s"

In the Inaugural Meeting of a society—the Corporation of Mine Agents of South Staffordshire and integrity, may become one of the most important means of securing safety it the working of colleries, will be held at Dudley, on Monday; but, unless the objects of the association, as stated in the proposed Memorandum of Association, be greatly curvailed, it may easily degenerate into a Trades' Union of the most objection able form. It is proposed to set forth the objects as—"The improvement of the practice of mining, the discussion of all matters relating to such practice, and the protection and aid of the members in all matters connected with their practice, and the protection and aid of the members in all matters connected with their practice, but it is not difficult to see that the italicised portion would permit of the legal defence of any member for careless management of the collieries committed to his charge, and, as it does not appear to be intended that the "corporation" shall be a limited company, cach member would be personally responsible for the whole of the expenses incurred. The association professes the intention to work in harmony with the Government Inspector, and to assist him in rendering the mines safe, but they "intend resisting any attempt to unduly impose upon them the responsibility of all the rules, both general and special," &c. The rendering of the chartermaster or his deputy (where no other person competent to undertake the duties imposed upon them is appointed criminally liable for every detail connected with the workings, is the sole means of securing discipline, which is so much wanted in the South Staffordshire and East Worcester, which is so much wanted in the South Staffordshire and East Worcester in Jeopardy of continual prosecutions formanslaughter, as the promoters of the "corporation" seem to anticipate, the whole of the dreaded difficulty would be met by each chartermaster formally appointing sub-ordinates to do the necessary work, making the appointment in such a way that eac The Inaugural Meeting of a society-the Corporation of Mine greaded difficulty would be met by each chartermaster formally appointing sub-ordinates to do the necessary work, making the appointment in such a way that each comprehends the exact work he has to do or to superintend, and knows that a penalty attaches to him in case of neglect. The object of all responsible for the safety of collieries, from the Secretary of State downward, should be the "ind.vidualising of the responsibility," but this the projected association takes full power to use its best endeavours to prevent.

REPORT FROM NORTHUMBERLAND AND DURHAM.

JAN. 17.-The Coal and Coke Trade continues good, the demand for all kinds of fuel being excellent, and the prospect for the year just commencing is, therefore, most cheering. The weather since the opening of the year has been of the most severe character, and is now apparently, settled into a regular arctic winter. The trade has been much impeded by falls of snow blocking up the roads and railways, and the shipping has also been much obstructed by boisterous weather at sea, and many wrecks have occurred on the coast. Some of the engine works and foundries are extremely busy, mostly in executing colliery orders: while, on the other hand, general shops, locomotive, and other works are dull enough. The alkali business, too, is hardly so brisk as it was a short time ago, yet still a good business is being done. The Iron Trade generally, although still considered very dull and flat, is not without hopeful signs for the future; the make of pig-iron in the north-eastern district during the past year amounted pig-iron in the north-eastern district during the past year amounted to 1,043,527 tons, the make during the previous year having been 1,033,646 tons, and, considering the late strikes, the quantity is enormous. The stock at the end of 1865 was 76,905 tons, and at the end of 1866 the stock is 157,521 tons, or a little more than double the former stock. The total quantity of pig-iron made in the great old iron field of West Scotland, in 1866, was 994,000 tons. The comparatively new field of Cleveland, added to the old fields of Northumberland and Durham, has, therefore, already surpassed in make this important field in Scotland. The stock of iron on hand in this district, as compared with that on hand in Glasgow, is trifling: it may, important field in Scotland. The stock of iron on hand in this district, as compared with that on hand in Glasgow, is trifling: it may, therefore, be contidently expected that an improvement will shortly take place in this important trade. The price of pig-iron in this district ranged during the year between 61s, 6d, and 48s, 6d, per ton for No. 1, and from 63s, 6d, to 52s, 6d, free on board in the Tyne, and from 2s, to 2s, 6d, per ton less for No. 3. The opinion appears to gain ground that the principle of co-operation will be much extended in connection with the iron trade, and that the disastrous strikes which have hitherto occurred so frequently, and which have so seriously retarded the progress of the trade, will by this means become more rare, if not entirely extinct. A company has been introduced of this kind, with every prospect of success at Darlington, and the locality is certainly well chosen, as all the raw materials required can be had there readily and cheaply.

duced of this kind, with every prospect of success at Darlington, and the locality is certainly well chosen, as all the raw materials required can be had there readily and cheaply.

A melancholy accident occurred at Beamish Colliery, which resulted in the death of John Urwin, one of the agents, serious injury to Mr. Kay and Mr. Bryden, officials, and one of the workmen. The coals are run from Beamish Colliery to the main line by means of a self-acting incline, at the bottom of which was situated a temporary office, in which Mr. Urwin, Mr. Kay, Mr. Bryden, and a workman wore-sitting. In consequence of the trost and the accumulation of snow, the apparatus on the incline had got out of order, and the men had been unable to get all the coals away for several days. From sond the men had been unable to get all the coals away for several days. From sond the men had been unable to get all the coals away for several days. From sond the men had been unable to get all the coals away for several days. From sond the men had been unable to get all the coals away for several days. From sond the men had been unable to get all the coals away for several days. From sond the men had been unable to get all the coals away for several days. From sond the men had been unable to get all the coals away for several days. From sond the men had been the paparatus broke, and some of the wagons rushed down the fulling at a feet in length by a feet diameter, and it blew up with most tremendous force, splitting into three portions, and scattering bricks and other materials in all directions. The engine-house was almost entirely demolished, only one wall being left standing, and the workshops being also much injured. One fragment of the boiler was deposited in a field \(\frac{1}{2} \) filled distant from the works. The poor freman was killed on the spot, and also two others, the names of the poor men killed being Matthew Farnaby, George Young, and B. Webster; and three others were also severely injured. Communication was entirely cut off from At Messrs. Straker and Love's Sunnybrow Colliery a dreadful biller explosion took place on the 2d inst. The boller was 33 feet in length by a feet diameter, and it blew up with most tremendous force, splitting into three portions, and scattering brieks and other materials in all directions. The engles of the Most shops being also much injured. One fragment of the boiler was deposited in a field 15 mile distant from the works. The poor fireman was killed on the spot, and also two others, the names of the poor men killed being Matthew Farnaby, George Young, and B. Webster; and three others were also severely injured. Communication was entirely cut off from the men in the workings by this shaft, but they were got out by means of another shaft. Altogether this explosion has been one of the most disastrous and fatal on record. The adjourned needled was william thomas, the manager to the Weardale Company. The boiler in question had been in the possession of the Weardale Company about 21 years, and had been worked a great part of that time by them. This witness attributed the explosion to the expansion caused by the boiler being set to work suddenly after severe weather. The severe frost would contract the iron very much, and the rapid heating of the boiler would cause it to expand. The boiler in question had been in the possession of the Weardale Company about 21 years, and had been worked a great part of that time by them. This witness attributed the explosion to the expansion caused by the boiler being set to work suddenly after severe weather. The severe frost would contract the iron very much, and the rapid heating of the boiler would cause it to expand. The boiler in question had been in the possession of the Weardale Company, which attact that the No. 1 boiler had been examined while at work at Tow Law, and about a month before it was sold, when it was perfect in every way.]—Mr. Watson, engineer of Black Boy, said that he did not see any signs of overheating in the boiler has occurred at Mr. Walmer's pit, at Ru

cause of the explosion to a defect in some of the plates. George Hopper, iron manufacturer, of Houghton, was sworn. He was quite unable to form any opinion as to the cause of the explosion. He did not think that atmospheric influence would cause it. There was no gauge to show the pressure of steam on this boiler, therefore the only means of ascertaining the pressure was by means of the lever on the safety-valve. Mr. Soulsby, the engineer, was recalled, and he said that it would have taken at least two or three hours to put the gauge on. He had no orders to work without steam-gauges. The jury, after deliberating about half-an-hour, returned the following verdict:—"The jury are of opinion that the deaths of the three persons were caused by the explosion of the No. 1 boller, at Sunnybrow Colliery. The jury do also recommend that more care be taken by all in authority about the colliery for the time to come."

REPORT FROM MONMOUTH AND SOUTH WALES.

JAN. 17.—It is to be feared that the word "depression" will have be used for some time yet in describing the state of the South Wales to be used for some time yet in describing the state of the South Wales Iron Trade, as there is no sign of any immediate improvement taking place in the demand. All makers can do is to hope that, with money cheap as it is, the really low prices accepted for almost all description of manufactured iron, and the heavy requirements of consumers, a stimulus will be given to trade ere long by the placement of orders in the market more freely. The slight increase in the feeling of confidence which was beginning to manifest itself has received a check by the announcement that the Ebbw Vale Iron Company (Limited) have decided on stopping operations at their Brendon Hills Mine, and that two or three of the ironworks in this district are in the market. On the other hand, it is gratifying to find that the Plymouth Ironworks have taken a fresh start, in consequence, it is said, of some orders having been secured, and the hands have nearly all resumed work. It appears that, by the arrangement entered into between the partners of the Tredegar Ironworks, that Mr. Forman will retire from the concern altogether. The company consisted of will retire from the concern altogether. The company consisted of 24 shares, divided as follows:—Mr. Forman, 101; the Messrs. Homfray, 8; and Mr. Rowland Fothergill, 51. The Messrs. Homfray will take the 101; shares of Mr. Forman, and thus become owners of more take the 103 shares of Mr. Forman, and thus become owners of more than three-fourths of the works. It is understood that Mr. Samuel Homfray will take the general supervision of the establishment, and several important changes will be made in the management. No steps have been taken in the Monmouthshire portion of the district with regard to a reduction in wages, and the men are in hopes that something will spring up to prevent any alteration being made in the present rate. The late severe weather has greatly interfered with shipping operations, and during the past fortnight the quantity of iron cleared out for the foreign markets has been below the average. A few contracts have been placed on American account, and the advices from New York continue of an encouraging character: the advices from New York continue of an encouraging character; and, should political affairs have no deterrent influence upon the industrial trades of the country, the demand for the present year is expected to be more active than during the past year. According to the latest advices received, there is every probability of iron being in great request at most of the other foreign markets, Russia taking the lead, followed closely by Italy, where the condition of credit is steadily righting itself. In India, public works, railways, &c., are likely to be pushed forward, and it is expected that railway operations will be carried on briskly in Australia. For pig-iron there is a dull sale, and quotations are nominal. There is a better enquiry for tin-plates, and the opinion is that an improvement will take place in the demand as the quarter advances. Steam coal proprietors are well supplied with orders, but the severe weather, and the scarcity of shipping on offer, has somewhat lessened the exports; still a large the advices from New York continue of an encouraging character shipping on offer, has somewhat lessened the exports; still a large business is being done with the continental markets and the mail packet coaling stations. There is, however, a slight falling off in the demand from some of the foreign markets. The inland trade is For house coal there is an average enquiry, and the collieries are pretty regularly employed.

The Tylcha Wen Colliery Company is to be wound-up voluntarily.

The Liantrissant Iron and Coal Company's petition for winding-came before the Master of the Bolls on Saturday; and, on the application of r. Jessel, the consideration of it was adjourned for a fortnight.

Mr. Jessel, the consideration of it was adjourned for a fortnight.

An extraordinary and fatal accident, by which two men lost their lives and five others were seriously injured, has occurred at one of the pits worked by the Dowlals Iron Company, near Merthyr. It appears that a party of seven men were in the tram, which was about being lowered to take them to their work, when, from some at present unexplained cause, the engine was suddenly reversed, after the men had descended about half-a-dozen yards, and the tram was violently wound up, striking with great force against the beam on the top. Two of the occupants were thrown out, and felt the full depth of the pit. The other five managed to retain their hold on the tram, but were dreadfully crushed. As soon as the machinery could be re-arranged the tram was lowered, but the two men who had fallen out were, of course, dead. Their bodies were frightfully managled, and it was found necessary to place them in a sack before bringing them to the top.

g them to the top. Messrs. J. and C. Bailey, of Nant-y-Glo Ironworks, have commenced hipping coal from Nant-y-Glo at Newport. This is another instance of our arge frommasters entering the steam-coal market, which they doubtless find far nore profitable than the manufacture of iron.

e profitable than the manufacture of iron.
ossession was not taken, as expected by the new proprietors of
Aberaman Works on Jan. 1, but, most probably, they will take possession

An extraordinary meeting of the Ebbw Vale Company (Limited)

on February 1.

An extraordinary meeting of the Ebbw Vale Company (Limited) was held on Tuesday, to pass a resolution in favour of creating 400,000L, of 6 per cent, preference shares, as well as to sanction the directors' proposal to reduce the nominal amount of the shares from 50L, to 30L. After a long discussion, however, it was decided not to agree to these propositions at the moment; and with the full consent of the directors, a committee consisting of four leading shareholders, Messrs. E. R. Langworthy, F. Phillip, R. Longsdon, lun., and M. Curtis, was appointed to examine into the affairs of the undertaking. The committee will report at an adjourned meeting to be held on Feb. 6.

A case of some interest, as affecting the rights of tenants for life under settlement to work minerals, has been decided by Vice-Chancellor Wood. The plaintiffs were Colonel Stepney and his two sons, womers of the Stepney estate, Lianelly, and the defendant was Mr. William Chambers, who is the executor of a late tenant for life of the estate, who was not by the terms of the will of the settler anthorised to commit waste. On coming into possession of the estate, however, he granted the lease of all the coal under certain farms forming part of the estate, and the suit was instituted for the purpose of recovering the amount of royaitles received under this lease. The defendant contended that he mines were open ones at the date of the settlement, and that it was consequently not waste in a tenant for life to work them; and in support of his view he proved the existence on the farms of an old trial pit and a very considerable amount of superficial workings at the outcrop of the various seams of coal on the side of the mountain. The Vice-Chancelior, however, held that workings of this description did not amount to an opening of the mine, and gave the plaintiffs a decree, with costs.

The arrivals at Swansea include—the Oscar, from Drammen, with 80 tons of copper ore, for Vivian and Sons; the Tongoy, from Huasco, with 180 tons of zinc o

FOREST OF DEAN .- The accounts given at the various works of the state of trade continue to be very satisfactory—indeed, orders "roll in" by every post, and all kind of products are eagerly caught up. The iron trade is exceedingly brisk. The depression in other markets has certainly made no visible alteration here. The Cinderford iron furnaces are in full work. The orders during the December month were particularly good, and the exports from these furnaces were correspondingly heavy. The returns show pig-iron sent per boat from Bullo, 496 tons; to South Wales, 707 tons; and to Staffordat from Bullo, 496 It should be borne in mind that no freightages have shire, 590 tons. shire, 550 tons. It should be borne in mind that no freightages have been taken from the Soudley furnaces, as they are under repairs. The iron ore exported from the Hedge Hills pits to Dowlais during the same month was 2560 tons, and there is another item of 984 tons to various markets. The coal returns for the month, this side of the

and, singular to relate, the present deceased man was killed on the same spot in a similar manner, at the same hour of the same day of the week. It is only fair to mention that no blame whatever is attached to the proprietor, who spares no expense in timber. The fault, if any, is attributable to the men, who are not sufficiently careful to secure the roof or the workings before they proceed to their labour. These accidents are of frequent occurrence in the district.

A great loss has been experienced by the Foresters in the death of the Rev. Mr. Nicholls. The name of this gentleman, who a few days since died in London, is not only widely known in this district, but throughout the land. It will be remembered that, in addition to parochial work, he sought in many ways to improve the condition of the unenlightened Foresters. Mr. Nicholls's name is very widely known as the author of soveral works. The first being "The Forest of Dean," in which an historical and descriptive account is given, derived from personal observation. The work evidently shows great research and labour. The second volume is "The Personalities of the Forest of Dean," being a relation of its successive officials, gentry and commonality. An appendix contains a biographical sketch of the more prominent men of the Forest. This production, and which was only published in the summer of late year, gives an account of the iron-making in the older times, as instanced in the anchem miss, forges, and furnaces in the Forest of Dean. Funeral sermons were preached at Holy Trinity and at Drybrook on Sanday, one of which at the deceased gentleman's church, by one of his oldest friends—the Rev. James Davis, rural deal of Ablighall, who is also a Forest of Dean. Funeral sermons were preached at Holy Trinity and at Drybrook on Sanday, one of which at the deceased gentleman's church, by one of his oldest friends—the Rev. James Davis, rural deal of Ablighall, who is also a Forest of Dean. Guneral sermons were preached at Holy Trinity and at Drybrook on Sanday, one

REPORT FROM DERBYSHIRE AND YORKSHIRE.

JAN. 17.—Perhaps the most singular matter to notice in the history of the mining of this county is the very extraordinary fact that the attempt to form a Miners' Association in Derbyshire, and so to some extent fix the rate of wages and the hours of labour, has met we'd the greatest opposition from the very parties who it was expected would have been its warmest supporters. Some three months since the men at Staveley and Clay Cross determined to form a Union, at the instigation of the Yorkshire Miners' Association, and to some extent were successful; but the men having commenced to think for themselves, the secoders became numerous, so that at a meeting held on Tuesday night, at Staveley, it was announced by the Chairman themselves, the seceders became numerous, so that at a meeting held on Tuesday night, at Staveley, it was announced by the Chairman (Mr. Markham, the managing director of the Staveley Company) that no less than 1508 persons exclusively employed in the mineral department had no connection whatever with the Union. This is the first effort which has been made in the kingdom by the working men to free themselves from the thraldom peculiar to Trades' Unions, and appears likely to be in every way successful. Mr. Markham observed (alluding to Trades' Unions) that these gigantic combinations could do no good to the working man, as they were usually followed by similar combinations on the part of the insters, and he believed that capital would always succeed in such contests. Instantially followed by similar combinations on the part of the instantial them that the South Vorkshire Miners' Association showed by their comminded them that the South Vorkshire Miners' Association showed by their comminded them that the South Vorkshire Miners' Association showed by their comminded them that the South Vorkshire Miners' Association showed by their comminded them that the South Vorkshire Miners' Association showed by their comminded them that they had received 10,000L from the men, out of which only 1888, had been appropriated to acidents, sick, and provident purposes, whilst 4977L had been appropriated to acidents, sick, and provident purposes, whilst 4977L had been appropriated to acidents, sick, and provident purposes, whilst 4977L had been appropriated to acidents, sick, and provident purposes, whilst 4977L had been appropriated to acidents, sick, and provident purposes, while the states and the contest for the trades' Unions to enter into a combination for the purpose of reform, but he (the Chairman) was pleased to see from a recent meeting of some of the trades ocieties at Sheffield that some of the members had rebelled against it, and had stated their opinion that trade societies should not be used for political purposes.

and Southern markets, owing to the severity of rhe weather, are fully equal to the ability to supply, so far as house coals are concerned. The Baltic ports being now closed from Kiel, there is not so much steam coal sent out from the district, so that at some of our largest collieries stacking has commenced. Stack and smudge for engine fuel and coke making purposes continue to be in active required.

the district, so that at some of our largest collieries stacking has commenced. Stack and smudge for engine fuel and coke making purposes continue to be in active request.

The progress of the inquest at Barnsley seems to add to rather than diminish the mystery surrounding the Oaks explosion. Mr. Minto, underviewer of the Mount Osborne Colliery, one of the volunteers, deposed that from what he saw he thought the explosion had taken place in the South Level. The blast appeared to have gone from the south to the north, from the bottom unwards, and the archways were blown upwards. There was every indication that the blast had gone in a contrary direction to the intake air. The bodies and lamps had been blown out of Thompson's box-hole, which is open at both ends, into the engine plane. When he was under-viewer at the Oaks he found gas in No. 7 district, but it could not be got rid of. In a fiery mine like this there are trains of gas all along the roofs of the mine, though they may not be perceived, and an explosion in the south level would have put all the trains in motion all through the pit, and thus render the explosion continuous. If an explosion had been caused in the return air-course by the shot the doors, which were left standing, would have been blown away. John Platts, under-viewer of the Wharn-liffs Silkstone Colliery, confirmed this evidence. On the other hand, there is the very important evidence of William Ward, who is the only living member of the deputation who complained, on behalf of the miners, of the ventilation of the pit. This was on Nov. 29. They reported that Charles Web had stated that his place was hot, and had shown his arm, which had been burnt by his lamp. Mr. Dymond was very angry, and said they had plotted it all, because they had been at play that day. About 120 Oaks miners had attended a meeting the previous night. Mr. Dymond said that if the complain, were correct it could be ascertained by an examination of the lamp; and added that he had his capital at stake as well as the men The progress of the inquest at Barnsley seems to add to rather A meeting of colliery proprietors and others has been held at Wake the Herlie Land

A meeting of colliery proprietors and others has been held at Waks field, to consider in what manner the proportion of the surplus of the Harli Colliery Accident Relief Fund allotted to the mining districts of Yorkshi should be appropriated. The amount, including interest, is about 2800t, and hat strong feeling has been expressed in favour of the proposal to retain it in that as strong feeling has been expressed in favour of the proposal to retain it in that as the nucleus of a permanent fund for providing relief the sufferers from colliery accidents. There is also in hand a sum of about 65 JOURI from the Oaks Relief Fund of 1847; and the two amounts, it is thought, might appropriately be devoted to this purpose. The meeting decided to appoint ExCON Fitzwilliam, Lord Wharnelliffe, and Viscount Halifax trustees for receiving the lartley surplus, and a committee was chosen to decide definitely on the appropriation of the fund.

CHARLES CAMMELL AND Co. (Limited). establishment under the management of this firm is not generally know may state that, in addition to the Peninstone Works, they have the Cyclo Grimesthore Works, Sheffield, employing about 3000 hands. The chief i factures turned out at these places are files, railway springs and buffer semer steel rails, tyres, ship-plates, all kinds of steel forgings, armour (iron), &c., the greater part of which are manufactured at the two latters THE

The London Stock and Share Company sold the following share at their sale by auction on Tuesday:—Anglo-Brazilian Gold Mining Compai (Limited), 6s. 5d.; Antelope Copper Mining Company (California), 3s.; Brazilia Land and Mining Company (Limited), 7s. to 8s.; British Slate Company (Emited), 3s. 5d.; Bone Pedro North del Rey Mining Company (Limited), 16s. 18s. 5d.; Specie Basis Mining Company, 3l. 15s.; Vallanzasca Gold Mining Company, Limited (Italy), 15s. 6d.; Val Antigoria Gold Mining Company (Limited), 12s. to 17s.

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GERALD C. TALBOT, Director-General.

India Office, January 12, 1867.

India Office, January 12, 1867.

Museum of Practical Geology, Jermyn Street.

NOTICE.—OPENING OF THE MUSEUM OF PRACTICAL GEOLOGY, JERMYN STREET, in the EVENING.—This Museum will, on and after SATURDAY, the 19th January, be OPEN to the PUBLIC Group on MONDAYS and SATURDAYS, from Ten A.M. until Ten P.M. By orfer.

Geology-King's College, London.

E O L O G Y—K I N G'S CO L L E G E, LONDON.—
PROP. TENNANT, F.G.S., will COMMENCE a COURSE of LECTURES on GEOLOGY on FRIDAY, January 25, at Nine A.M. They will be continued on each succeeding Wednesday and Friday at the same hour. A shorter course will be given on Wednesday evenings from Eight to Nine. First lecture, Lay 30—Text-book: Lyell's Elements of Geology. R. W. JELF, D.D., Principal.

TO COAL OWNERS, AND OTHERS. THE LONDON PATENT COAL COMPANY are now GRANTING LICENSES for the USE of their PATENT for the UTIENT TION of COAL DUST. All communications to be addressed to the Managing Director, 26, Martin's-lane, Cannon-street, E.C.

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of SHARES REGISTERED in the names of Mr. BAKER LEELEAN, or his
nominees, or of parties claiming through them, and for other equitable relief
in respect of transactions and dealings of the said Mr. Baker Lelean in connection
with the formation of this company, ALL PERSONS are hereby CAUTIONED
AGAINST PURCHASING ANY SUCH SHARES.

The numbers of the shares referred to are believed to be from 2103 to 3598, both
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Further information may be obtained on application to the Secretary, at the
company's office. Telegraph Chambers, 2, Telegraph-street, Moorgate-street,
London.

By order of a Committee of the Directors.
January 11, 1867.

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MANCHESTER, AND WEST END OF LONDON

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THE RUSSIAN (VYKSOUNSKY) IRONWORKS COMPANY
An ADJOURNED EXTRAORDINARY GENERAL MEETING of the above company was held at the offices this day,
The SECRETARY (Mr. Clarke) read the notice convening the meeting.
The report of the directors was taken as read.
It was resolved unanimously,—That the report of the directors (as below) be received and adopted, and that they be requested to take all measures necessary to carry it into effect.
Resolved unanimously,—That the agreement with the dissentient shareholders, now laid upon the table, be ratified and confirmed.
(Signed) W. AUSTIN, Chairman.
Extracted from the Minutes,
CUMPTENAY CLARKE, Secretary.
Pinners' Hall, Great Winchester-street, Jan. 12, 1867. THE RUSSIAN (VYKSOUNSKY) IRONWORKS COMPANY

REPORT OF THE DIRECTORS TO THE SHAREHOLDERS, JAN. 1, 1867. GENTLEMEN,—It will be in your recollection that during the past year certain shareholders in this company applied to the Court of Chancery to have their names removed from the register of members, on the ground that the powers taken by the company's Memorandum of Association embrace a wider field than was contemplated by the prospectus under which their shares were applied for. Upon these motions Vice-Chancellor Wood, whilst absolving the directors from all blame, held that, except in the case of shareholders who, after knowledge of the fact of this divergence, had acquiesced in holding their shares, the powers taken by the company beyond those set forth in the prospectus, although they might enhance the value of the company's property, afforded shareholders who might wish to avoid their liability grounds for an order to remove their names from the register.

Although counsel of great eminence are of onlying that this desister the company is considered. REPORT OF THE DIRECTORS TO THE SHAREHOLDERS, JAN. 1, 1867.

taken by the company beyond those set forth in the prospectus, although they might enhance the value of the company's property, afforded shareholders who might wish to avoid their liability grounds for an order to remove their names from the register.

Although counsel of great eminence are of opinion that this decision, if not wrong, was, at all events, strained in the present case, and that the House of Lords would reverse it on appeal, the directors did not feel themselves justified in spending the profits of the works in a colossal and almost endless litigation, if any other means could be devised for settling these disputes in a manner at once fair to the shareholders who refused to pay calls, and equitable to those who remained stanch to their engagements.

On the 36th October last the directors forwarded to each shareholder a circular, stating what had taken place up to that time, and offering, in order to stay further litigation, to treat as conclusive the decision of the Court in all cases of shareholders whose position might fall within that decision, and who might give notice to the company, on or before the 15th day of November last, of their desire to be removed from the register of members. The result has been that members holding 8033 shares have elected honourably to abide by their engagements, whilst members holding 6967 shares seek to avoid their liability.

Of the latter number there are doubtless some who would fail in their contention, but who, nevertheless, seek to avail themselves of the decision of the Court, and escape liability under cover of the pressure put upon the company by those shareholders who have succeeded in obtaining orders for removing their names from the register.

In this state of things the directors determined to submit the affairs of the company to counsel, to settle and carry through an equitable scheme for compromising the existing and future litigation, and for carrying on the works for the benefit of the whole body of shareholders, so as to avoid the ruin which a

EAST HOLYFORD MINING COMPANY. TO THE EDITOR OF THE MINING JOURNAL.

TO THE EDITOR OF THE MINING JOURNAL.

SIR.—I was perfectly astonished on reading in last week's Journal a notice from the Rev. Mr. MacNally, declaring that he never was connected with the above company, and I, therefore, beg you to allow me to state to your readers that not only was Mr. MacNally a director, but one of the promoters of the company. In the latter capacity, he signed the Articles of Association; while, to prove the former, it is only necessary to say that almost every cheque on the National Bank, Dublin, after the company was registered, was signed by him a some of the Board. If Mr. MacNally now sees the imprudence of a clergyma in interesting himself in mining prejection he is quite right in closing his connection with the East Holyford, and to proclaim the fact; but to deliberately deny his previous connection (which is not only too obvious in Dublin, but which his elters since I have been on the Continent prove), is really too bad. I regist that Mr. MacNally should have compelled me to show the public the false statement he has made; but as infarences extremely in jurious to my character would be drawn by my silence, I am compelled to make this communication, and on my return to England I shall, if necessary, have the matter investigated in the proper quarter.

E. HARVEY WADGE, Chairman of the Company.

STRICH RODMIN CORNWALL, being in the centre of the

CAPT. RICH, BODMIN, CORNWALL, being in the centre of the mining districts of Devon and Cornwall, and having had 25 years' experience in the management and inspection of mines, OFFERS HIS SERVICES to INSPECT and REPORT on MINES in either of the above counties. Orders promptly attended to.

NOTICE.—CAPT. S. M. RIDGE, of LLANIDLOES,
MONTGOMERYSHIRE (late manager of the Brynpastig and Cwm Fron
Mines, and others, in Shropshire and Wales), is NOW OPEN to INSPECT and
faithfully REPORT UPON ANY LEAD MINE in either of these localities that
may be confided to his care, having had better than 30 years' experience in lead
mining, as miner and agent.—Address, Capt. S. M. Ridge, Llanidloes, Montgomeryshire.

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THOMAS MOLYNEUX AND CO., MINE AGENTS AND SHAREBROKERS. Reliable information can be obtained as to purchase and sale of shares.

Offices of the Ellen United Copper and Zine Mining Company (Limited), and Hazael Grove Silver-Lead Mining Company (Limited). THOMAS MOLYNEUX, secretary, 28, Princess-street, Manchester

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Deposit £1 per share on application, and £1 further on allotment. Subsequen calls £1 per share, at intervals of not less than three months.

List estimated that not more than £5 per share will be called up. Nearly half the capital is already taken by the directors and vendors.

It is estimated that not more than £5 per share will be called up. Nearly half the capital is already taken by the directors and vendors.

HOWEL GWYN, Esq., M.P. for Brecon, Dyffryn House, Neath, Glamorganshire. W. L. BANKS, Esq., Pantywal Hall, Breconshire (Chairman of the Neath and Brecon Rallway, and of the Brecon and Merthyr Rallway).

FREDERICK HARRISON, Esq., 15. Carlton Villas, Malda Vale, London (Director of the London and County Bank, London, and of the London and Liverpool and Globe Insurance Company, London).

JOHN J. WILLIAMS, Esq., M.D., Magistrate for the County of Brecon (Director of the Brecon and Merthyr Rallway). Mount-place, Brecon.

GRORGE B. MURLLY, Esq., Langport, Someraetshire (Director of the Hirwain Coal and Iron Company, Limited).

THOMAS C. HINDE, Esq., Ynispenliwch, near Swansea (Chairman of the Ynispenliwch Tin-plate Company, Lindted).

(With power to add to their number.)

BANKERS—National Provincial Bank of England, Brecon.

(With power to add to their number.)

BANKERS—National Provincial Bank of England, Brecon.

"Provincial Banking Corporation, Swansea and Neath.
SOLICITOR—Mr. J. R. Cobb. Brecon.

AUDITORS—Thomas Frater, Esq., Manager of the National Provincial Bank of
England, Brecon.

"Messrs. W. H. Williams and Co., Exchange, Bristol.
BROKERS—The Members of the Bristol Stock Exchange, Bristol.
SECRETARY—Mr. Thomas Cook Davies, No. 2, Mount street, Swansea.

REGISTERED OFFICE,-2, MOUNT STREET, SWANSEA.

PROSPECTUS.

This company is formed for the purpose of leasing and working the minerals contained in the Onliwyn, and the Rhydffosddu, Cefa-yr-Erw, Castell Coch, and other estates, at the head of the Dylais Vailey, and situate partly in Glamorgan-shire and partly in Breconshire.

These properties together form a total area of nearly 1000 acres, all in a ring fence. The Onliwyn property is held for a term of 39 years, and the Rhydffosddu, Cefn-yr-Erw, and Castell Coch Estates for a term of 39 years, at royalties of 8d, per imperial ton on all coal and ironstone, and proportionately low rates for fire-clay, building stone, &c. The dead rents average &1 per acre, and all the leases are determinable by three years' notice at the option of the lessees, but not by the lessors.

Cefe. yr-Erw, and Castell Coch Estates for a term of 80 years, at royalites of 8d, per Imperial ton on all castell Coch Estates for imperial ton on all castell Coch and Ironatone, and proportionately low rates for heless as well element and the consists of hearly 700 acres, and comprises in the section the Upper Four-feet coal, the Eighteen-feet, the Nine-feet, the Lower Four-feet, and other velns, making a total workable thickness of between 30 and 40 feet.

The Onllwyn estate consists of nearly 700 acres, and comprises in the section the Upper Four-feet coal, the Eighteen-feet, the Nine-feet, the Lower Four-feet, and other velns, making a total workable thickness of between 30 and 40 feet.

Tader the whole of this property are also contained the series of argillacious ironatone belonging to the north out-crop of the South Wales mineral basin. All the seams of coal and ironatone are fully proved by existing workings, and are shown in the map of the Ordance Survey. The coal is a pure anthracite, and is admirably adapted for smelting iron, for malting, lime burning, hop drying, and heating vioves. At present it is not largely used in this country for steam purposes, chiefly owing to the defective communications with the districts in which it is found. The man railway the world, and its extraordinary and valuable properties will now, unquestionably, become as well known and appreciated for ocean steam navigation and for locomotive and stationary engine in this country as they have long been in the United States of America. It is absolutely smokeless, makes little or no ash or clinker, evolves the most intense heat in combustion, and is unapproachable by any other description of coal for strength and durability.

From its great density and hardness, it is admirably adapted for long steam royages. It stows in less compass than any other coal in the world, is unaffected by exposure to weather or climate, and is catirely free from all danger of spontaneous combustion or of explosion.

For iron-making purposes it is i

these, if desirable.

It is proposed to call upon the shares issued to the public, at such intervals as may be requisite. £5 per share, thus making them paid-up to an equal amount with the shares taken by the vendors in part payment of purchase-money as bove. The present furnaces are equal to a weekly make of 140 tons of pig-ir

is proposed to lay out £6000 in extending the colliery openings supply 200 tons of coal per day for sale, the extraction having hither need to the purposes of the ironworks.

The cost and production will then stand thus:—

Amount of share capital to be called up at £5 per share £30,000
Amount of debentures, interest on which at 5 per cent. is deducted from profits, as below £10,500.
PRODUCTION.

140 tons pig-iron weekly, say 7000 per annum, at 7s. 6d. per ton profit £2625
200 tons coal per day, say 300 days per annum, at 2s. per ton profit. £600

TO MINE, SLATE QUARRY, AND RAILWAY COMPANIES.—CAPT. C. WILLIAMS IS NOW OPEN to UNDERTAKE ALL KINDS of CONTRACTS, such as DRIVING LEVELS, SINKING SHAFTS, CONSTRUCTING WATER COURSES, CANALS, TRAMWAYS, &c., and ERECTING ALL SORTS of MACHINERY for MINIG and OTHER PUBLIC OF A CONTRACT OF THE PROPERTY OF TH

NOTICE OF REMOVAL.

MESSRS. TREDINNICK AND DEALERS IN STOCKS AND SHARES.

MR. RICHARD TREDINNICK, MINING ENGINEER AND CONTRACTOR.

THOMAS TREDINNICK,

OFFICES.—ST. MICHAEL'S EOUSE, CORNHILL, LONDON.
business bitherto conducted at 78, Lombard-street is transferred to the address.

In the Court of the Vice-Warden of the Stannaries Stannaries of Cornwall..

IN the MATTER of the COMPANIES ACT, 1862, and of the WHEAL LOVELL MINING COMPANY.—TO BE SOLD, BY PUBLIC AUCTION, at and upon the WHEAL LOVELL MINE, situate in the parish of Wendron, in the county of Cornwall, under the direction of the Registrar of the said Court, on Monday, the 28th day of January Instant, at Twelve o'clock at noon, subject to such conditions as shall be then and there produced, together or in lots, all the INTEREST of the said COMPANY of and in the SETT or GRANT by virtue of which the mining operations of the said company have been carried on, and the MINING MACHINERY, MATERIALS, and EFFECTS now at the said mine, iccluding, amongst other things—ONE STEAM ENGINE, 30 In., 9 ft. stroke in cylinder, with first plece of rod, with woodwork of engluchouse.

ONE STEAM ENGINE, 30 In., 9 ft. stroke in cylinder, with first plece of rod, with woodwork of engine-house.

TWO BOILERS, 20 tons, with fittings. ONE ditto, 9 tons, with fittings.

STEAM WINDING ENGINE, 16 in., 4 ft. stroke, with fty-wheel and whim cage. STEAM STAMPS ENGINE, 24 in., 8 ft. stroke, with two fly-wheels and cranks attached. ONE BOILER, 10 tons, with fittings.

2 stamps axies, with cranks, blocks, and brasses, 24 heads; wood frames, with bolts; 15 guides and braces, part of oid boiler, 11 ft. 6 in., working, 310 ft. 6 in., 210 ft. 7 in., 1 9 ft. 11 in., 20 9 ft. 7 in., 2 6 ft. 7 in., 4 9 ft. 8 in., and 1 6 ft. 8 in. pumps; 1 10 in. H and doorpiece, with doors; 1 8 in. ditto, 11 of ft. 9 in. plunger pole, 1 9 ft. 8 in. ditto, with stuffing box and gland; 1 12 ft. 7 in. plunger pole, 1 8 ft. 6 in. windbore, smiths' bellows, beams and scales, 44 new stamps cams, 9 machine frames, tram carriages, weights, long wince tackle, ladders, sleves, &c.—To view, apply to Mr. JAMES JAMES, at the mine.

JOSEPH ROBERTS. Soliettor, Title

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the WEST WHEAL VOR MINING COMPANY.—The Registrar of the Court has appointed Monday, the 28th day of January Inst., at Eleven o'clock in the forenoon, at the Registrar's Office, at Truro, to SETTLE the LIST of CONTRI-BUTORIES of the ABOVE NAMED COMPANY, now made out and deposited at the said office. titne said office.

WILLIAM MICHELL, Registrar of the said office.

Dated the 17th day of January, 1867.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the WEST WHEAL VOR MINING COMPANY.—ALL CREDITORS or CLAIMANTS of the ABOVE NAMED COMPANY who have not received notice from the Registrar of the said Court that their claims have been already admitted, are hereby REQUIRED to COME IN and PROVE THEIR SEVERAL DEBTS or CLAIMS at the Registrar's office, Truro, on Wednesday, the 30th day of January inst., at Eleven o'clock in the forenoon, or in default thereof they will be excluded from the benefit of any distribution made before such proof, And for the purpose of such proof they are either to attend in person, or by their solicitors or competent agents, or (unless such attendance be required by the Registrar's summons) they are to send affidavits of their several debts or claims to the Registrar of the Court at Truro, such affidavits being sworn either before some Commissioner of the said Court, or before any Court, Judge, Justice, or any Commissioner of one of the Superior Courts lawfully authorised to take and receive affidavits and affirmations.

Registrar of the above-named Court, Truro, Cornwill.

Dated Truro, January 17th, 1867.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the TRESKEBRY MINING COMPANY.—TO BE SOLD, under the direction of the Registrar of the said Court, BY PUBLIC AUCTION, on Monday, the 4th day of February next, at Eleven o'clock in the forenoon, at TRESKERBY MINE, in the parish of Gwennap, within the said Stannaries, either together or in lots, the undermentioned MINING MACHINERY, MATERIALS, and

or in lots, the undermentioned MINING MACHINERI, MATERIALS, and EFFECTS, viz.:—
ONE 36 in, cylinder PUMPING ENGINE, with 11 ton BOILER and fittings. Shears, with 2 pulleys complete; balance and other bobs, capstan, rope, shaft tackle, 2 horse whims, blocks, pumps, windbores, H and doorpiece, working barrels, 10 in, plunger pole, stuffing box and gland, plunger case, wood rods, rod plates and pins, staples and glands, and flange pins, ladders, bucket and bucket rods, smiths and miners' tools, new and old timber and iron, together with the account-house and office furniture, and a variety of other articles and effects in general use in mines.

The machinery, materials, and effects may be inspected at any time prior to the sale, on application to Mr. John James, in charge thereof.

HODGE, HOCKIN, AND MARRACK, Solicitors, Turnel.

Dated Registrar's Office, Truro, January 8th, 1867.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of IN the MATTER of the COMPANIES ACT, 1862, and of the ST. JUST UNITED MINING COMPANY (LIMITED).—ALL CREDITORS or CLAIMAN'S of the ABOVE-NAMED COMPANY who have not received notice from the Registrar of the said Court that their claims have been already admitted, are hereby REQUIRED to COME IN and PROVE THEIR SEVERAL DEBTS or CLAIMS at the Registrar's office, in Truco, on Wednesday, the 23d day of January inst., at Eleven of the clock in the forenoon, or in default thereof they will be excluded from the benefit of any distribution made before such proof.

And for the purpose of such proof they are either to attend in person, or by their solicitors or competent agents, or (unless such attendance be required by the Registrar's summons) they are to send affidavits of their several debts or claims to the Registrar of the Court at Truco, such affidavits being sworn either before some Commissioner of the said Court, or before any Court, Judge, Justice, or any Commissioner of one of the Superior Courts lawfully authorised to take and receive affidavits and affirmations.

Dated Truco, 17th Jacuary, 1867.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

MAY AND ANOTHER V. MIDDLETON.
IN RE TREREW WHEAL ROSE MINE.

TO BE SOLD, pursuant to an Order made in the above Cause. and dated the 28th day of October last, BY PUBLIC AUCTION, at TREREW WHEAL ROSE MINE, in the parishes of Crantock and Newlyn, within the said Stannaries, on Monday, the 21st day of Jannary inst., at Eleven o'clock in the forenoon, the undermentioned MINING MACHINERY, MATERIALS, and other effects, namely—ONE 45 inch PUBPING ENGLIER, 9 testroke: ONE BOILER, 9 tons; capstan and shears; one horse whim and rope, 70 fms.; 100 fms. of chain, poppet heads and shieves, 2 skips, 18 fms. double skip rod, 20 fms. iron stave ladders and wood ladders, one force pump, one tackle, two wince kibbles, bolts and bars, smith's bellows, anvil, and tools, miners' tools, shovels and hilts, barrows, grinding stone, carpenter's bench, material house, new and old iron and timber, and other articles and effects in general use in mines. reneral use in mines.

eneral use in mines.

CARLYON AND PAULL, Plaintiffs' Solicitors, Turp.

Dated Registrar's Office, Truro, Jan. 10, 1867.

IN the MATTER of the RHOS HALL IRON COMPANY (LIMITED),
TIPTON, STAFFORDSHIRE.
The IMPORTANT FREEHOLD PROPERTY, known as the TIPTON IRON-WORKS, together with the MINES and the VALUABLE FIXED PLANT
and MACHINERY, in excellent working condition.

WORKS, together with the MINES and the VALUABLE FIXED PLANT and MACHINERY, in excellent working condition.

MESSRS, PRICE AND CLARK WILL SELL, at the Hen and Chickens Hotel, Birmingham, on the 24th day of January, 1867, at Twelve for One o'clock, in One Lot, pursuant to the order of the Court of Chancery made in the said matter, with the approbation of the Master of the Rolls. The VALUABLE FEREHOLD PROPERTY, known as the TIPTON IRON. WORKS, in the parlsh of TIPTON, in the county of STAFFORD, containing, by estimation, 5a. 2r. 5p., or thereabouts, under part of the worke, containing 4a. 2r. 2p., or thereabouts, under part of the worke containing 4a. 2r. 2p., or thereabouts, under part of the worke containing 4a. 2r. 2p., or thereabouts, under part of the worke containing 4a. 2r. 2p., or thereabouts, under part of the worke containing 4a. 2r. 2p., or thereabouts, under part of the worke have a frontage of about 690 ft. to the Birmingham Canal, also a boat dock of 150 ft. in length, and in close proximity to two railway stations, and comprise HoOP and SLITTING MILLS, cutters shop, smithy, foundry, spacious open buildings with slated roofs, stabling, offices, manager's residence, &c. There are TWO BLAST FURNACES, measuring respectively 51 feet and 49 feet in height: three bot-air stoves, TWENTY-THREE PUDDLERS' FURNACES, SIX MILL FURNACES, several lofty chimney-shafts, FIVE STEAM-ENGINES, TWELVE STEAM-BOHLERS, a 16-inch train of two pairs of forge bar and billet rolls; a boiler-plate train, with two pairs of rolls; one pair of No. 2 forge, two trains of '0 and 8-inch hoop rolls, a pair of 12 and 13-inch hoop hard rolls, a pair of 18-inch hard rolls; a 16-inch bar-train for slitting-mill, with all the necessary gearing; powerful turning lathes, fittings of gasworks, FOUR HUNDRED DOUBLE YARDS of IRON RAILS, a large area of iron-floor plates, and numerous appliances adapted for the efficient conduct of the works. The premises may be viewed, and particulars had gratia at the place of sale of Messrs. Hotellings, Sharp, a

Dated this 19th day of December, 1866.

TO BE SOLD, cheap, a PORTABLE ENGINE of 14 horse power, double cylinder, of first-class construction, workmanship, and material. Winding gear to order. SECOND-HAND PORTABLES FOR SALE.

Apply to Messys. Barrows and Carmichael, engineers, Banbury, Ozon.

GLAMORGANSHIRE.-VALUABLE MINES AND MINERALS. GLAMORGANSHIRE.—VALUABLE MINES AND MINERALO,

MR. THOMAS THOMAS WILL SELL, BY AUCTION, at
Castle Hotel, Neath, on Friday, February 1, 1867, at Fonr o'clock is
afternoon, subject to conditions of sale to be then produced, all those desis
leasehold MINES and MINERALS, under a part of the GLANBRANE ESTI
situate in the parish of LLANSAMLET, containing about 212 acres, held is
a lease granted by the Neath Abbey Coal Company, at a rent of £400 per any
and revertices.

a date granted by the seath abody control company, at a trans of some partial and royalties.

If and royalties, and royalties, and royalties, and Newman, Solicitors, 7, King's Bench Walk, Temple, London, Yeovil, Somerset: James Kempthorner, Esq., Solicitor, Neath; or to the tioneer, at his offices at Neath and Swansea.

VALUABLE COAL FIELD IN THE WEST OF FIFE TO LET.

TO BE EXPOSED TO LET, BY PUBLIC ROUP, within
Town-house of Dunfermline, on Tucsday, the 12th day of February
at Twelve o'clock noon, on a lease for 21 years, from and after Whitsunday
or such longer period as may be agreed upon, the WHOLE SEAMS of to
SHALE, IRONSTONE, and FIRECLAY, in and under a portion of the libelonging to the Burgh of Dunfermline, extending to 130 imperial ace
thereby, and lying about two miles north-east of the burgh.

Most of the coal seams, which have rendered the collieries of Wellwood, 7hill, and Halbeath so famous, are known to be in these lands. There is
facility for conveying the minerals now to be let, by railway or otherwise
all directions.

Further information may be had, and the conditions of let seen, on app
tion to DAVID LANDALE, Esq., Mining Engineer, Edinburgh; or to Joun;
DALE, Esq., Town Clerk of Dunfermline.—Dunfermline, Jan. 15, 1867. VALUABLE COAL FIELD IN THE WEST OF FIFE TO LET.

TENDER.

THE DUN MOUNTAIN COPPER MINES.—TO BE 80
BY TENDER, the DUN MOUNTAIN COPPER MINES, with the L
and BUILDINGS belonging thereto, and the Live and DEAD STOCK
therewith, situate at NELSON, in NEW ZEALAND.
The property consists of the following particulars:—
A FREEHOLD MINING ESTATE, called the DUN MOUNTAIN, at Nelson, in New Zealand, containing by admeasurement 1687 acres, little or less, with all the timber and timber-like trees growing thereon.
Another FREEHOLD ESTATE, contiguous to the said Dun Mountain, taining upwards of 2260 acres.
Also, TWO PIECES of FREEHOLD LAND in Brook-street and Alton-guording thereon.

standing thereon.
Also, a FREEHOLD TRACT, 1 chain wide, through the estates of J. New
T. R. Hackett, and others.

T. R. Hackett, and others.

The RAILWAY RAILS on the said Dun Mountain to the town of Neighted, with the sleepers thereto belonging, as the same now stand. Then about 14 miles of railway.

Together with the HORSES, WAGONS, and ROLLING STOCK, &c., a; tenant to such mining property.

For further frarticulars, apply to Messrs. OLIVERSON, PEACHEY, DENNY PEACHEY, solicitors, 8, Frederick's-place, Old Jewry, London, to whom to may be sent.

OR SALE, BY TENDER, BILLIA CONSOLS AND RECONSOLIDATED MINES SETTS and MATERIALS, situated hardsheaf Towednack and Uny Ledant, in the county of Cornwall, consisting ONE 36 in. PUMPING ENGINE, with 1 ton BÖILER, nearly new. ONE 22 in. WINDING ENGINE, with 8 ton BÖILER, nearly new. ONE 27 in. STAMPING ENGINE, with 8 ton BÖILER, lifting 36 head About 300 fms. pitwork, 11 to 5 in., and all the necessary materials for us the mine.

About 300 fms. pitwork, it to sin., and at the model and afford a representation of the lodes are parallel to and adjoining Wheat Reeth, and afford a reportunity to capitalists.

Scaled tenders, marked "Tenders for Reeth Consols Mine," should be dressed to Mr. JAMES B. COULSON, Penzance, on or before Saturday, the February next, soon after which the purchaser will have notice thereof. For particulars, apply to Capt. R. BLIGHT, at the mine.

Dated Penzance, January 9, 1867.

FOR SALE, and may be seen at the Ashburton Mines, 55 in. PUMPING ENGINE, with TWO 11 ton CORNISH made BOR ONE 40 in. PUMPING ENGINE, only made a short time, and as good a with an 11 ton BOILES. A 24 in. WHIM ENGINE, with stamps attached. It ton BOILER. Several WATER-WHEELS of various sizes, one with excellent drawing machine attached. Pumps and materials of all semistres.—Application may be made to Mr. W. MATHEWS, engineer, Taviscan be seen on application to people in charge of the mine.

LEAD MINE.—FOR SALE, BY PRIVATE CONTRACT
LEASE, PLANT, and MACHINERY of the TEES SIDE MINE
ALSTON, CUMBERLAND. The sett is very extensive, and is traversed
veral powerful velus; from one of them 1000 tons of lead ore has been
from a shart 20 fathoms deep, and on a length of ground about 50 fath
extent, at 1.7th dues. The dues are now 1.20th. Lodgings for miners,
shops, stabling, &c., are all in order for immediate operations.
The agent on the mine will show the property, and for other particular
to Mr. J. H. Robitson, 21, cumberland-row, Newcastle-on-Tyne; to 1
HOYLE, SHIPLEY, and HOYLE, Solicitors, Newcastle-on-Tyne; or Messe,
and HOYLE, Solicitors, 123, Cannon-street, London.

CELYNOG LLANTWIT COLLIERY—FOR SALE LOW PRIVATE CONTRACT.

The Liquidators of the GELYNOG LLANTWIT COLLIERY COMPAY—WITED) wish to DISPOSE OF the valuable PLANT and MACHINERY, for with the unexpired term of the LEASE of this Colliery. The Planta chinery is in good order: it has been laid down during the past two year comprises everything necessary for working the colliery.

Further particulars, and orders to view, may be obtained on applied ALFRED BARKER, Eay. I, Westminster Chambers, Victoria-street, Londar of the Official Liquidators.

DEAN FOREST, GLOUCESTERSHIRE

VALUABLE COAL FIELD,—TO BE SOLD, OR all the FREEHOLD INTEREST in a rich COAL FIELD of 325 lying in the deep of and adjoining two coal fields, which have been put in the Dean Forest Collieries, and the principal vein lies generally under top. The property is linked by direct communication with the Port & cester.—For further particulars, apply to Messrs. Debenham, Tewes Farmer, Land Agents, 80, Cheapside, London.

SUITABLE FOR A HARDWARE MANUFACTORY.

SUITABLE FOR A HARDWARE MANUFACTORY.

TO BE LET, for a term of 99 years, a most VALU and ELIGIBLE SITE of from FIVE to FIFTEEN ACKES, with failing stream of water passing through. Large collicries are in the ineighbourhood, tin and wire works within a mile, and extensive irons carried on in the same valley. There is a first-class station within 2 at which 29 passenger trains stop dally; the property is on a level with and a siding may be constructed with great facility. The Great Western and the London and North-Western trains work of the district and the traffic of the station referred to, and the sharp though the station of these great railway companies has tended to reduce the rate lowest possible charges.

For further narriculars, apply to Messrs, DERENHAM, TEWSON, and for the station of the property is a station of the station referred to a station of the station referred to a station of the station of

lowest possible charges. For further particulars, apply to Messrs. DEBENHAM, TEWSON, and F. Auction, Land, and Estate Agency Offices, 80, Cheapside, London, E.C.

TO CAPITALISTS, PUBLIC COMPANIES, AND OTHER PARTICULARS OF A VALUABLE and EXTENSIVE SLATE AND OTHER PROPERTY FOR IMMEDIATE DISPOSAL BY PRIVATE CONSTITUTED IN THE PROPERTY FOR IMMEDIATE DISPOSAL BY PRIVATE CONSTITUTED IN THE PROPERTY FOR IMMEDIATE DISPOSAL BY PRIVATE CONSTITUTED IN THE PROPERTY OF THE

LATE VEINS and a VALUABLE COPPER MINE..
Three quarries have been opened, and the works in either case brown
completion, several cargoes of excellent slates having been sold,
rge quantity of very rich copper ore. There are about 800 yards
of shafts, about one mile of iron rails laid down, foremat

large quantity of very rich copper ore. There are about any variation of the property of the property of the property of the value of the property. There are reports and opinions of seven of the walve of the property. There are reports and opinions of seven of the walve of the property. There are reports and opinions of seven of the most eminent authorities as well as other opinions as to the capability of the property. In addition to the three quarries alluded to vein of slate has been opened upon and tested. The property offers facilities for sub-letting in four or five divisions, exclusive of the opinions of the opinions of the property offers, and the existing works as advanced in either division being sufficiently large for one company or firm.

The property possesses great natural advantages. Many thousanded have been expended on the works, which have been carried out in a the substantial manner, the heavy expenditure of capital and inevitable time attending the opening of all quarries having been already incurreturns of purchase will be made easy; one-third will be required in case which must be paid at once, and half at a date to be decided upon. To of the whole purchase money may remain on mortgage of the lease is five years if desired.

Application in first instance to be made to "M. S. A.," Deacon's Leadenhall-street, London.

TO CONTRACTORS.—FOR SALE, TWO HUNDRED OF NEW DOUBLE HEADED RAILS, 80 lbs. per yard. THRE DEED TONS of NEW CONTRACTORS' RAILS, 50 lbs. per yard. TEIGHT 20 inch PUMPS, in 9 feet lengths.—Apply to "Box 75," Ps. Sympaga.

BWARSEA.

PRITISH, COLONIAL, AND FOREIGN PATELLATIONS, DRAWINGS, &c.,
MR. MICHAEL HENRY,
Memb. Soc. Arts, Assoc. Soc. Engineers, Author of the "Inventors' Alexand the "Defence of the Present Patent Law."

PATENT REGISTRATION AND COPYRIGHT AGENT AND ADVENCE OF THE MEMORY AND ADV

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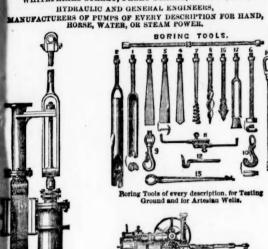
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ICKFORD'S PATENT SAFETY-FUSE OBTAINED the PRIZE MEDALS at the ROYAL EXHIBITION of 1861, at the INTER-TIONAL EXHIBITION of 1862, in London, and at the IMPERIAL EXSITION held in Paris, in 1865.

TURERS of PATENT SAFETY-FUSE, having been informed that the name of their firm has been attached to formed the name of their firm has been attached to formed that the name of their firm has been attached to formed the name of their firm has been attached to formed the name of their firm has been attached to formed the name of their firm has been attached to formed the name of their firm has been attached to formed the name of their firm has been attached to formed the name

OWENS AND CO. (LATE CLINTON AND OWENS), WHITEFRIARS STREET, FLEET STREET, LONDON, E.C.,



B. FOWLER & CT

Portable Engines with Double Barrel, or oth Pumps, on Hire or Purchase. /) roved Double-action Pumps.

ill information, Drawings, Price Lists, &c., relating to the above, and to flydraulisinery of all descriptions—Crabs. Priceys, Biocks, and Hoisting Tackie of superior

T U R T O N A N D S O N S,

MANUFACTURERS OF

CAST STEEL for PUNCHES, TAPS, and DIES,

TURNING TOOLS, CHISELS, &c.

CAST STEEL PISTON RODS, CKANK PINS, CON. NECTING RODS, STRAIGHT and CRANK AXLES, SHAFTS and FORGINGS of EVERY DESCRIPTION.

DOUBLE SHEAR STEEL BLISTER STEEL, SPRING STEEL, GERMAN STEEL, GERMAN STEEL, WM. GREAVES & SON.

Locomotive Engine, Railway Carriage and Wagon Springs and Buffers.

SHEAF WORKS AND SPRING WORKS, SHEFFIELD.

Gun-Cotton-By Royal Letters Patent.

PRENTICE'S BLASTING GUN-COTTON
PRODUCES NO SMOKE, and having been further REDUCED in PRICE is now by far the CHEAPEST as well as the
SAFEST material which can be used in any description of mining
or quarrying work.
Sample cases, together with every information, may be obtained from—
THOMAS PRENTICE AND CO.

THOMAS PRENTICE AND CO., 173, FENCHURCH STREET, LONDON, E.C.// AGENT—Mr. Thorne.

UN-COTTON has been constantly used with great success in the tunnel of the Aberdeen Water-Works, lately opened by Her Nost Gracious Majesty the Queen.

C O A L C U T T I N G M A C H I N E R Y .—
The WEST ARDSLEY COMPANY having, by recently patented improvement, perfected their coal cutting machinery, worked by compressed air, are NOW EADY to MAKE CONTRACTS for the CONSTRUCTION and USE of their MACHINES.

If LACHINES.

The results of twelve months' experience in the working of these machines, by a West Ardsley Company, have proved most satisfactory, their use being found CHEAPEN the COST and IMPROVE the average SIZE of the COAL, to CHTEN the LABOUR, and also to MODIFY the SANITARY CONDITION the MINK.

munications to be made to Messrs. FIRTH, DONNISTHORPE, and BOWER, itannia-street, Leeds.

TOTICE.—The WEST ARDSLEY COMPANY, having/reason to believe that their patents are being infringed upon, hereby give note they will TAKE LEGAL PROCEEDINGS AGAINST ALL PARTIES MY MAKE FOR SALE, or USE ANY MACHINERY in the construction any such INFRINGEMENT is MADE.

O CAPTAINS OF MINES, ENGINEERS, AND SURVEYORS
AND ALL WHO DRAW PLANS.
TENCIL PLATES of a new description, for LETTERING PLANS,
e. BERKELEY beg to state that they have invented a new description
FINCIL PLATES, for expediting the Lettering on Plans.
above will enable any person to produce the most accurate impressions,
lig the finest hand-work. They prevent the lik from spreading or blotmore the plate, and are far superior to anything of the kind that has ever
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by testimonials, with specimens, &c., forwarded to all parts of the world
leation to—
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w description of Stencil Plates for Lettering Plans will enable any per-complish the work of a day in one minute. JEFFERY, Δ. MATHEMATICAL INSTRUMENT
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Deacon's Surveyors.

Gentlemen,—I most respectfully beg to inform you that my Manufactory for Mine Surveying and Drawing Instruments is now in full operation, and Theepolltes, Dials, Levels, Measuring Chains, Engine Countries, Cases of Drawing Instruments, Protractors, Cases of Drawing Instruments, and all kinds of SURVEYING and MAPPING INSTRUMENTS are kept in stock or made to order on the shortest notice.

Having been confined for several years exclusively to the manufacture of first-class Mine Surveying Instruments—which professively to the manufacture, which cannot be surpassed for accuracy and general good and industry by any firm either in the metropolis or the provinces. It wish executed under my own direct supervision, and none but experienced at technics.

All work guaranteed as first-class for quality and accuracy, and, if found the properties of the countries of the supervision, and none but experienced as first-class for quality and accuracy, and, if found

or the applicants employed.

All work guaranteed as first-class for quality and accuracy, and, if found therefore, forfeited. Soliciting your kind favours.

I remain, Gentlemen, yours obediently,

Canterne, July 28, 1866.

IMMENSE SAVING OF LABOUR.

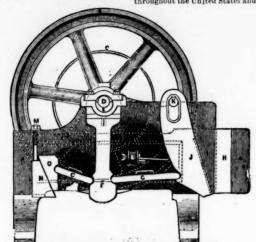
TO MINERS, IRONMASTERS, MANUFACTURING CHEMISTS, RAILWAY COMPANIES, EMERY AND FLINT GRINDERS, MCADAM ROAD MAKERS, &c., &c.

PATENT STONE BREAKER,

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FOR REDUCING TO SMALL FRAGMENTS ROCKS, ORES, AND MINERALS OF EVERY KIND.

It is rapidly making its way to all parts of the globe, being now in profitable use in California, Washoe, Lake Superior, Australia, Cuba, Chill, Brazil, and throughout the United States and England. Read extracts of testimonials:—



The Parys Mines Company, Parys Mines, near Bangor, June 6.—We have had one of your stone breakers in use during the last twelve months, and Captain Morcom reports most favourably as to its capabilities of crushing the materials to the required size, and its great economy in doing away with manual labour.

H. R. Marsden, Esq. JAMES WILLIAMS.

Ecton Emery Works, Manchester.—We have used Blake's patent stone breaker made by you, for the last 12 months, crushing emery, &c., and it has given every satisfaction. Some time after starting the machine a piece of the moveable jaw, about 20 lbs, weight, chilled cast-iron, broke off, and was crushed in the jaws of the machine to the size fixed for crushing the emery.

H. R. Marsden, Esq.

THOS. GOLDSWORTHY & SONS.

Alkali Works, near Wednesbury,—I at first thought the outlay too much for so simple an article, but now think it money well spent. WILLIAM HUNT.

Welsh Gold Mining Company, Dolgelly,—The stone breaker does its work admirably, crushing the hardest stones and quartz.

WM. DANIEL.

Our 15 by 7 in. machine has broken 4 tons of hard whinstone in 20 minutes, for fine road metal, free from dust.

Messrs, ORD and MADDISON, Stone and Lime Merchants, Darlington.

Kirkless Hall, near Wigan,—Each of my machines breaks from 100 to 120 tons of limestone or ore per day (10 hours), at a saving of 4d, per ton.

JOHN LANCASTER.

Ovoca, Ireland.—My crusher does its work most satisfactorily. It will break 10 tons of the hardest copper ore stone per hour.

WM. G. ROBERTS.

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SILAS WILLIAMS.

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MARSDEN, SOHO FOUNDRY, H. R.

MEADOW LANE, LEEDS,

ONLY MAKER IN THE UNITED KINGDOM.

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PATENT DONKEY PUMP THE STEAM [SPECIFICATION.]



SIDE ELEVATION

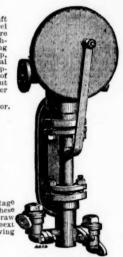
N.B.—Sizes and capacities similar to Giffard's Injector. All guaranteed to work egiciently.

Terms: Nett Cash on Delivery in London.

Giffard's injector will not force water over 120° Fahr., while these pumps possess the great advantago of being able to pump boiling water. Giffard's injector will not draw water for, deep, while these pumps are water 15t., and by using one size larger than required for forcing the quantity will draw 30ft. deep. These pumps begin to work at 15 bs. per square inch; to work at a lower pressure the next larger size must be used. Sizes up to No. 10 kept in stock. Larger sizes, and special pumps for throwing water into tanks, or as fire-engines, can be made in a few days on application to the undersigned.

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This natent pump is the MOST EFFICIENT In existence for LIFTING ANY QUANTITY of WATER from ANY DEPTH. One lifting from a depth of 170 ft. may be seen at work daily, on application to the MESSRS. J. JACKSON AND CO., ENGINEES, 17, GRACECHURCH STREET, LONDON, E.C., Who SUPPLY PUMPS and LICENCES.

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DERBYSHIRE, AND NORTH STAFFORDSHIRE,
Mr. THOMAS GREENER, MINING OFFICE, NORTHGATE,
DARLINGTON.

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ST. MICHAEL'S YOUSE, CORNHILL, LONDON.

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CKEASE'S NEW AND IMPROVED PATENT BORING
MACHINE.—In consequence of the various and IMPORTANT IMPROVEMENTS that an experience of several years has enabled the inventor
to introduce into these machines, he can with the most perfect confidence recommend them for their increased DURABILITY, SIMPLICITY, ECONOMY,
and SPEED to be attained by their adoption in DRIVING LEVELS or DRIFTS.
The inventor has made arrangements to supply them in any quantity, with
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This patent pump is the MOST EFFICIENT in existence for LIFTING
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of 170 ft. may be seen at work daily, on application to the

THE FLINT COUNTY CHRONICLE: A Mining, Agricultural, and General Advertiser for Mold, Filint, Rhyl, Holywell, Northop, Buckley, Hawarden, Saltney, and neighbourhood. The great success which has attended the publication of the "County Chronicle" justifies the proprietors in drawing the attention of advertisers to the special advantages it offers as an advertising medium. For the announcements of auctioneers, public companies, and tradesmen, it is the best in the county, having attained a circulation throughout Flintshire troble that of all the other so-called local papers combined. As a newspaper it contains full and impartial reports of all local events, and devetes particular attention to the mining and oil trade interests of the district—special articles appearing from week to week. All communications should be addressed "To the Editor," Bromfield Villa, Maesydderwen, Mold.

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COUNTIES ADVERTISER. (ESTABLISHED 1764.)
Published every Saturday, price 2d., or quarterly 2s. 2d.
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Published every morning, price 1d.
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CHARLES RYLAND AND SONS' WEEKLY REPORT ON THE IRON TRADE.—The "WEEKLY REPORT ON THE IRON TRADE.—The "WEEKLY REPORT ON THE IRON TRADE. The Is a reliable authority on all matters connected with the various trades of the Iron and Mining Districts of North and South Staffordshire, Cleveland District, North and South Wales, and Scotland. The list of subscribers comprises the names of the leading firms in the great centres of industry above referred to. It contains complete, authentic, and unblassed information relative to the various branches of the metallic trades in all parts of the country.

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N ERVOUS DEBILITY: ITS CAUSE AND CURE.—Before seeking aid from the so-called remedies without readicine, read this viable work on the Treatment and Cure of Nervous and Flysical Debility, Lo of Appetite, Pains in the Back, Spermatorrhea, &c., with Plain Directions!

Perfect Restoration to Health. Sent post free to any address, on receipt of tropostage stamps. Letters of enquiry or details of ease promptly answered.

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R. WATSON (of the Lock Hospital), F.R.A.S., Member of the College of Physicians and Surgeons, on the SELF-CURE of NERVOUS and PHYSICAL DEBILITY, Lowness of Spirits, Loss of Appetite, Timidity, Incapacity for Exertion, &c., with means for periect restoration. Sent free for two stamps by Dr. WATSON, No. 1, South-crescent, Bedford-square, London Consultations daily from 11 till 3, and 6 till 8; Sundays, 10 till 1.

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WONDERFUL MEDICAL DISCOVERY, demonstrating the
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Indigestion, Want of Energy, Premature Decline, with plain directions for perfect restoration to health and vigour, WITHOUT MEDICINE. Sent free on recelpt of two stamps, by W. HILL, Esq., M.A., Berkeley House, South-crescen
Russell-square, London, W.C.

THE MINING SHARE LIST.

BRITISH DIVIDEND MINES.

DRILLO	I DIVIDEND MI	1 110.
Shares. Mines.	Paid. Last Pr. Business	. Total divs. Per share. Last paid.
1500 Alderley Edge, c, Cheshire*		8 7 8 0 10 0 Aug. 1866
200 Botallack, t, c, St. Just		488 15 0 5 0 0. May, 1866
10000 British Slate Company		9 per cent Sept. 1866
4000 Brookwood, l		0 5 0 0 2 6. Sept. 1866
1000 Bronfloyd, I, Cardigan*		
6400 Cochardl I Cumberlands	2 10 0 1 11/4	
6400 Cashwell, I, Cumberland*		
916 Cargoll, s-l, Newlyn	15 5 7	13 15 0 1 0 0 Feb. 1866
867 Cwm Erfin, l, Cardiganshire*		21 18 0 1 0 0 Jan. 1867
128 Cwmystwith, I, Cardiganshire		372 10 0 5 0 0 Dec. 1866
280 Derwent Mines, s-l, Durham		167 0 0 5 0 0Oct. 1866
1024 Devon Gt. Consols, c, Tavistockt		1042 0 0 6 0 0 Nov. 1866
358 Dolcoath, c, t, Camborne	128 17 6	818 10 0 2 0 0 Dec. 1866
6144 East Caradon, c, St. Cleert		14 7 6 0 2 0Jan. 1867
300 East Darren, l, Cardiganshire		136 10 0 2 0 0 Nov. 1866
128 East Pool, t, c, Pool, Illogan	24 5 0	., 390 0 0 2 10 0Jan. 1867
5000 East Rosewarne, c, t, Gwinear	2 15 0 38 1/2	0 10 6 0 1 6 Jan. 1866
1906 East Wheal Lovell, t, Wendron		2 7 6 0 7 6 May, 1866
2800 Foxdale, l, Isle of Man*	25 0 0	69 10 0 0 10 0 Jan. 1867
5000 Frank Mills, I, Christow		3 5 6 0 5 0 Feb. 1866
15000 Great Laxey, l, Isle of Man*	4 0 0 18161/2 171/2	5 15 0 0 10 0 Dec. 1866
5908 Great Wheal Vor, t, c, Helstont	40 0 0 181/2 17 18	10 17 6 0 7 6 Dec. 1866
1024 Herodsfoot, l. near Liskeardt	8 10 0 35	39 0 0 1 10 0Oct. 1866
6000 Hingston Down, c †	5 10 6	. 0 10 0 0 5 0 April, 1866
400 Lisburne, l, Cardiganshire, Wales	18 15 0	483 10 0 3 0 0 Nov. 1866
9000 Marke Valley, c, Caradon	4 10 6 434 438 438	3 11 0 0 2 0Jan. 1867
3000 Minera Boundary, l. Wrexham*	1 0 0	0 13 0 0 3 0 Mar. 1866
1800 Minera Mining Co. 1, Wrexham	25 0 0	205 8 0 3 0 0 Nov. 1866
20000 Mining Co. of Ireland, c, l, cl	7 0 0 1916 18%	0 7 9. July, 1866
40000 Mwyndy Iron Ore*†	3 5 0	0 6 6 0 2 6 Mar. 1866
- New Merrybent and Middleton	3 10 0	5 per cent Nov. 1866
600 Pant-y-Glien, sl	20 0 0	10 per cent May, 1866
200 Parys Mines, c, Anglesey	50 0 0	157 10 0 5 0 0 Jan. 1866
1120 Providence, t. Uny Lelant	10 6 7 30 30 32	., 81 17 6 0 10 0 Nov. 1866
512 South Caradon, c, St. Cleert	1 5 0 330 320 330	539 10 0 5 0 0 Nov. 1866
6000 South Darren, l *	3 6 6 134	0 F C 0 0 C Tune 1900
6000 Tincroft, c, t, Pool, Illogant	9 0 0 151414 1514	. 18 6 0 0 5 0Oct. 1866
3000 W. Chiverton, I, Perranzabuloet.,	10 0 0 5714 59 00	15 7 6 2 0 0. Nov. 1866
400 West Wheal Seton, c, Cambornet.	47 10 0 130 130 135	444 34 0 0 10 0 Dec 1000 1
512 Wheal Basset, c. Illogant		
1024 Wheal Friendship, c, Devon	00 0 0	900 10 A 0 10 0 Vow 1000
4295 Wheal Kitty, t, St. Agnes	F 4 A 602/ A	
1024 Wheal Mary Ann, !, Menheniott		00 T 0 0 10 0 Dec 1000
2000 Wheal Rose, c, Scorpier	10	1 0 0 0 10 0 Pak 1000
396 Wheal Seton, t, c, Camborne		
1040 Wheal Trelawny, s-l, Liskeardt		
17000 Wicklow, c, i, Wicklow	5 17 0 1210 111/2	45 15 0 0 10 0 Oct 1000
17000 WICKIOW, C. I, WICKIOW	2 10 0	45 15 0 0 18 0Oct. 1866

BRITISH MINES WITH DIVIDENDS IN ABEYANCE.

1200 Bryn Gwyn, I, Mold*	9 0 0				13 6Aug. 1865
2880 Clifford Amalgamated, c, Gwen					10 0June, 1865
1055 Craddock Moor, c, St. Cleer					4 0June, 1865
6000 East Carn Brea, c, Redruth	8 15 0	314 . 314 314	 0 5 0.	. 0	5 0June, 1865
6000 New Birch Tor and Vitifer Cons. t	1 6 6				2 0Oct. 1865
6 :00 West Basset, c, Illogant	1 10 0	1 1 11/4			5 0July, 1865
1024 Wheal Exmouth, I, Christow			 	. 0	2 6Oct. 1865

FOREIGN DIVIDEND MINES.

15500 Cape Copper Mining*†	7 0 0	914 9 916	 2 12 6 0 10 0 April, 1866
21500 East Indian Coal, Calcutta	10 0 0		
24000 Fortuna, l. Spain*†	2 0 0	134 214	 1 5 4 0 2 0 Oct. 1866
20000 Gen. Mining Assoc., Nova Scotiat	20 0 0	22 20 22	22 0 0 1 0 0 June, 1866
10000 Gonnesa, l, 15000 £5 pd., 5000 £4 p	od.]		71/2 per cent. per annum.
15000 Linares, t. Spain*+	3 0 0	1	 11 6 4 0 5 0 Jan. 1865
50000 Panulcillo, c*†	3 0 0	31/4 23/4 3	 10 per cent Yearly.
10000 Pontgibaud, s-l. Francet	20 0 0	734 7 8	 4 3 2 1 2 6Dec. 1866
100000 Port Phillip, g, Clunest	1 0 0	1 % 1	 0 15 6 0 1 0July, 1866
120000Scottish Australian Mining Co.t.	1 0 0		 716 per cent Dec. 1866
11000 St. John del Rey, Brazil*†	15 0 0	53 51 53	72 15 0 4 0 0 Dec. 1866
40000 Victoria (London) [25000 £1 pd., 25	5000 12s. 6d.	. pd.]	 0 9 0 0 1 0Jan. 1866
10000 West Canada Mining Company	1 0 0		 0 19 6 0 2 6 May, 1865

FOREIGN MINES WITH DIVIDENDS IN ABEYANCE.

10000	Alten and Quænangen United, co	4	10	0	-							O. Nov.		
	Australian, c. South Australiat		7	6	-							0June,		
	Burra Burra, c. South Australia.	5	0	0	-	 40						0 Dec.		
	Cobre Copper Company, c, Cubat.	40	10	0	1							0Jan.		
10000	Copiano Mining Company, Chilit	16	10	0	-							0Nov.		
100000	Don Pedro No. del Rev. Brazil*+	0	14	0	-	 198, 218,	 0	0	9	0	0	9 Dec.	1863	I
70000	English and Australian, c	2	10	0	-	 34 1	 1	12	0	2	0	0Aug.	1864	ı
68000	Kapunda Mining Co., Australia+	1	0	0	-		 0	12	0	0	1	0June,	1864	1
	Lusitanian (Portugal) +	3			-		 1	7	0	0	3	0June,	1865	1
	Mariouita and New Granadat	1		0			 6	9	6	0	1	6. July.	1859	ļ
43174	United Mexican, s, Mexico	28	5	0		136 2	 2	19	0	0	5	0Sept.	1864	ı
		6					 0	15	0	0	5	0. Nov.	1864	ı
	Yudanamutana, c, S. A			0	15%	 1% 1%	 0	5	0.,	0	5	0Aug.	1863	١
10000	Vancouver, cl*+		0	0	_	 								

NON-DIVIDEND FOREIGN MINES.

Shares. Mines. Paid. Last Pr. Bus. d	
35000 Alamillos, 7. Spain*† 2 0 0 1½ 1 1½	Fully pd.
100000 Anglo-Brazilian, g** 0 10 0 14 1/2	
40000 Brittany Silver-Lead Mines, France* [15750 18s. pd.]	
25000 Capula, s, Mexico*†	Aug. 1866
30000 Chontales, g, s, Nicaragua*†	
10000 Coplapo Smelting, Chili* 10 0 0	April, 1866
300 Copper Miners' Co. of South Australia * [150 £100 pd., 150 £70 pd.]	Nov. 1866
25000 East del Rey, g, Brazil*†	. June, 1866
15000 El Chico Silver Mining and Reduction Company 4 10 0	Jan. 1866
8000 English and Canadian Mining Company* 5 0 0	Fully pd.
50000 Frontine and Bolivia, q. New Granada*† 1 12 6 3s	Dec. 1866
80000 Great Northern, c, South Australia *	Sept. 1862
10000 Great Barrier Land, Mining, &c., New Zealand* 5 0 0	Fully pd.
12500 Nerbudda Coal and Iron*+ [6000 £5 pd., 6500 £4 pd.]	Aug. 1865
50000 Nova Scotia Land and Gold	Sept. 1865
15000 Otes, c, New Zealand* [5000 tully paid] 1 10 0	April, 1866
6000 Peel River Land and Mineral*	Stock.
30000 Pestarena, g*† 2 0 0 2½ 1½ 25	8 Aug. 1866
17000 Quebrada, c, Venezuela*† 10 0 0 —	Fully pd.
10178 Rhenish Consolidated, l [6000 £5 pd., 4178 £2 10s. pd.] — —	May, 1866
50000 Rossa Grande, g, Brazil* 0 76	April,1864
15000 San Pedro del Monte, s, Mexico* 4 0 0 —	Sept. 1866
10000 San Roque, l, Spain 5 0 0	Fully pd.
1000 Schlossberg Colliery* 10 0 0	**
30000 Val Antigoria, g*t 0 17 6	July, 1866
6000 Val Sassam, s. c. l*†	Jan. 1867
5000 Valgodemard Mining Company	Fully pd.
50000 Vallanzasca, q. Italy**	July, 1866
45000 Victor Emanuel, c, Italy	Fully pd.
20000 Washoe, q	Fully pd.
80000 Worthing, c, South Australia* 1 00 16 1/4 1/4	Fully pd.
75000 Yorke Peninsula, South Australia	Fully pd. 1

BANKS AND FINANCIAL COMPANIES.

Shares. Banks.	1	Paid.	Last P	r. 1	Bus, don	10.
40000 Alliance*†	. 25	0.0	19	1	71/4 173/	
40000 Australian Mort. Land and Financet			5		5 51/4	
30000 Australasia†	40	0 0	63	6	41/2 65	
10000 Bank of Egypt+	25	0.0	31			
50000 Bank of New Zealand	. 10	0.0	181/4		17 19	
95000 Bank of Otago*+	. 10	0.0	6		6 7	
20000 Bank of Victoria, Australiat	. 25	0.0	39		37 39	
8915 Canada Companyt	. 32	10 0	80		70 75	
50,000 Canadian Loan and Investment*†	. 2	10 0	11/2			
4#000 Chart. Bank India, Aust. & Chinat	20	0.0	161/6		18 19	
30000 Char. Merc. India, Lond. & Chinat	. 25	0.0			32 34	
50000 City†	. 10	0.0	16		14 15	
20000 Coloniai	25	0.0	36		37 39	
40000 Company of African Merchants, **	. 3	0.0	3		3 31/4	
150000 Consolidated Bank*f	. 4	0.0			4% 51%	
200000 Credit Foncier and Mobilier of England*	8		3		234 8	
20000 East London*†			4		21/4 31/4	
30000 English, Scottish, & Aust., Chart.	20	0.0			17 18	
20000 English and Swedish*+	95	0.0			12 14	
250000 General Credit and Finance of London*	. 6	0.0				
20000 Imperial Bank*†	20				25 27	
150000 International Financial Society*†	. 5	0.0			234 216	
300000 International Land Credit*	6	0.0			4.5	••
4000 London African Trading*†	10		5		3.5	
50000 London Chartd. Bank of Australiat	- 20		221/6		22 25	
37500 London and County	. 90		65		67 69	
40000 London Financial Association *	95		934		6.8	
72000 London Joint-Stockt	15	0.0			43 45	
10000 London and South-Western*†	90		18		17 18	
50000 London and Westminstert	90	0.0			96 98	
50000 Mercantile and Exchange*†	19				00 00	
17156 Metropolitan and Provincial*	90	0.0	10%		12	
30000 Mineral Rights Association*			**			
20000 National of Australia†		0 0			5 6	
20000 National of Liverpool*†	15				15 17	**
40000 National†			70		67 69	**
50000 New South Walest	90		46		42 44	
40000 Union of Australia†	95		50		47 49	
80000 Union of Londont	15		45	**	48 44	**
SONOR CHICK OF PORTOR!	. 10	0 0	44 20		20 35	

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		PRO	GRESSI				Share 6000	Prosper Un., t, c, St. Hilary Redmoor, c, t, Callington	8 14	0 41/	r. Bus. 6	done
_	Shares. 4000 Ba	Mines.	f Man, l, co	Paid. Las 1 10 0	tPr. Bus. de	one. Last Call	6000		1 9 4 0 0 11	6	::	
	3000 Be 3200 Be	allacorkish, I.c. dford Unit., te dfold Aur, t., te dfold Aur, t., filins, t, Flint. aendyffryn, s- scaswell, t. c., ttie Hill, t, Pl ynford Hall, t, yn Gwiog, t, 1 ddbeck Fells, t umborne Conse umborne Vn. & pe Cornwall, t.	, Tavistk.* lywell	2 6 8	- ::	Nov. 1866	1024	Rhafna, l, Carnarvon* Rose and Chiverton Untd. Rosecliff and Tolcarne*	5 0	0 6	51/2 (6 .
id.	1000 Bi	aendyffryn, s-	į* 3	2 0 0	- ::	Mar. 1866	3973	Rosewarne Consols, c Rosewall Hill and Ransom	5 2	6		
366 366	1248 Bo 5000 Bo	oscaswell, t, c, ottle Hill, t, Pl	ympton	7 6 0 1 14 6	3s. 5s	June, 1866	3848	Posswanna United a t	4 0	4 36	. % %	
366 366	5000 Br	ynford Hall, a	Flint	9 0 0	- ::.	June, 1864	400	Snaefell, t, Isle of Man* Silver Brook, s-t, Carmar.* Sithney Wheal Metal, t Sortridge Cons., c, Tavist Sortridge Cons., c, Tavist	10 0	6		
366 366	1000 Ca	mborne Consc	ds, c 1	8 10 0	- ::	Feb. 1864	12000	Sortridge Cons., c, Tavist.† South Basset, c, Gwennap.	1 14	6	:	:
666	11000 Ca	peCornwall, t,	c* [8000 £210	0s. pd., 300	00 10s. pd.]	.Oct. 1866	1 60000	South Carn Brea. c. Illogan	5 17	6 2%	2 21/2	
366 366	914 Ca	radon Cons., rn Brea, c, t, I	c, St. Cleer 3	1 3 6	8 10	.Nov. 1866	3000 2500	So. Chiverton, s, l, Perran. South Cornwall, t* So. Condurrow, t, c, Camb.	5 15 13 0	0	::	:
166 166	6000 Ca	rn Camborne, rnarvonshire, rdigan Cons.*	c. Cambn.	2 1 0	114218. 23	sJan. 1867	6138 2283	South Crenver, c, Crowan	12 9	0	% %	:
667	4005 Ca	rdigan Cons.*	[1000 £5 pd.,	3005 £4 58	. pd.]	April,1866 Sept. 1866	6000 5000	S.Dolcoath&Carnarth.Con.	2 16	6	::	:
66	20000 Ca	rdiganshire, b	21/4 pd., 1680	0 £1% pd] 3s.	Mar. 1868	5000 1024	So. Exmouth, l, Christow So. Foxdale, l, I. of Man* So. Herodsfoot, l, Liskeard	3 10 9 10	0	::	:
66	2500 Cet	fystort [3200 a stell Carn Doc fn Cilcen, t, Fi ntral Minera, ntral Snailbea diverton, t, Per diverton Moor, plartra & Bond	int*	2 18 0	- ::	Aug. 1866 Nov. 1866		So. Herodsfoot, l, Liskeard South Minera, l, Wrexham* South Pant-y-Gof, l			::	
66	16000 Cer	ntral Snailbea	ch l	1 0 0	9 81/6 9	Fully pd. Nov. 1866	30210 937	South of Scotland* So. Wh. Crofty, c, Illogan. So. Wh. Frances, c, Illog.† South Wheal Grenville, t, c	0 17	10. 15	12 15	
66	3000 Ch	iverton Moor,	l, Perranz.	5 18 6 10700 16s	65% 5%	Nov. 1866 Feb. 1868	496 6000	So. Wh. Frances, c, Illog. † South Wheal Grenville, t, c	18 18 0 16	9 24 6 1/4	20 225	· ·
66	5000 Cor	nnorree c sul	Wicklow*	1 0 0	- ::	Fully pd.	4152	South Wheal Leisure, t, c So. Wh. Seton, c, Camborne South Tolgus, c, Redruth	1 10	U	::	
66	2450 Coo	ok's Kitchen,	c, Hlogan, 19	9 14 9 1	11 12	July, 1866 June, 1866	3000	South Trevenna, t, c	2 0	0		
66	6500 Coi 6000 Coi	rnish Clay and rnwall Great ane, c, Cambor	Tin*	1 80	- ::	Fully pd.	280	Spearne Moor, t, St. Just.	6 2	0 =	::	:
66 66	861 Crs 12000 Crs	ane, c, Cambor elake, c, Tavis	ne 3 tock	3 9 6 3 8 0	- ::		940	St. Ives Consols, t, St. Ives.	0 15	0 9	89	:
66 66	6000 Cue 35000 Da	elake, c, Tavis ddra, t, St. Au de, l, North St arren, l, Cardig	afford	0 0	s 2s. 3s.	Oct. 1866 Fully pd.	9000	Spearne Consols, t, St. Just. Spearne Moor, t, St. Just. St. Day Unit., t, Redruth., St. Ives Consols, t, St. Ives. St. Ives Wheal Allen, t St. Just Cons. t [600 d. pd., St. Just Cons. t [600 d. pd., Stiperstones, t, Salop* Stray Park, c, t, Cambornet Tin Hill, t, St. Austell Tolcarne, c, Camborne	3000	10s. pd.]	
66 66	1000 Da 5000 De	rren, I, Cardig	ria* 1:	7 0 0	- ::		920	Stray Park, c, t, Cambornet	11 18	0 5	41/2 51	14 :
66 66	4000 De 1024 De	evon Great Ma evon Wheal Fr evon Wheal Lo cake Walls, t, C ong Dong, t, Gu	pes, c* 1	7 0 0	2	Dec. 1866 July, 1866	6000	Tin Hill, t, St. Austell Tolcarne, c, Camborne Trelyon Consols, t, St. Ives. 1 Tresavean and Trethurrup	3 1	6	::	
66 66	12800 Dra 656 Dir	ake Walls, t, C ng Dong, t, Gu	alstock :	2 5 0 9 14 6	1 %1	Dec. 1866	501	Tresavean and Trethurrup	5 10	0	::	
66 66	20000 Do 25000 Du	olfrwynog, g* indalk, Ireland fngwm, l, Wa glebrook, l* st Basset, c, R	1, 14	15 0	• • •	A 1, 1866	4096	Trevenen & Tremenheere Treweatha, s-l, Menheniot. Treworlis, t, Wendron	7 7	0	::	**
66 66	3000 Dy 740 Ea	fngwm, l, Wa glebrook, l*	les 15	9 15 0	8/6	July, 1866	2000	Trumpet Cons., t, Helston, 1	1 10	0 9	79	
66 66					3 4 23 25	July, 1865	4200	Tyne Head, t, c*	5 0	0		**
66	6000 E. 4096 Eas	Bottle Hill, t, st Brookwood	Plympton (9 6 6	24 48. 68.	July, 1865 Oct. 1865 .July, 1866	1024	Welsh Gold, Dolgelly* West Caradon, ct	5 0	0 141/4	121/213	1/2
	2000 East	st Buller, c, G	Wennap	2 9 3	21/4. 2 21/4	Mar. 1865 Dec. 1866 April,1864	1000	West Clogau, g, Merioneth. West Cwm Erfin, l* W. Condurrow, t, c, Cam	5 0	0 <u>-</u>		
65	2048 E. 6000 E.	Falmouth, 8-1 Grenville, c. C.	amborne.	3 3 6	21/4 2 21/4	Nov. 1866 Aug. 1866	256 5000	West Damsel, c, Gwennap. : West Godolphin, t	3 0	0	**	
65 65	6000 Eas	st Holyford, c.	Ireland.	3 0 0		Oct. 1866 April,1865	2751 12000	West Damsel, c, Gwennap. West Godolphin, t West Great Work, t* W.Maria & Fortescue, Lam.	5 11	0	::	
65 65	6145 Eas	st Jane, s-l, Ca	rdinham.	2 17 6		Dec. 1865					5 51/4	
65	3986 E.	st Moor, s Providence, t, Tresavean, c, st Snaefell, l,	Uny Lel.	19 9		Nov. 1866 May, 1865	1000 6000	Westminster, l* West Rose Down, c, Linkin. West St. Ives, t, c W. Sharp Tor, c, Rillaton!	0 5	0 5/4	·· 3/8 5/8	
	6000 Eas	st Snaefell, I,	I. of Man*	0 0 0	ī ::	Dec. 1864	1056	West Stray Park, c, Camb. 1	1 2	6	::	
86	9000 E.	st Seton, c, Ca St. Just, to [66 st Tolgus, c, R	000 £3 10s. pd	3000 £1	10s. pd.]	Nov. 1866 April,1866	512 512	W. Wh. Frances, t, Illogania	4 15	0 18	16/217	1/2
66	4000 E.	Wh. Russell.	avistock 11	14 0	214 216 234	Oct. 1866	10000	W. Wh. Frances, t, Illogan1 W. Wh. Kitty, t, St. Agnes. W. Wh. Martha, c, s, Stoke. W. Wh. Prosper, t, Lanivet	1 5	6		::
66	15000 Elle 6000 For	en Unit., c,z,:	st. Agnes	0 12 6	- ::	Nov. 1866	8000	Wharfedale Mining Co.*	0 5	0		,
65	940 Fov	wey Conc, Ty	wardreath !	1 6		June, 1866 Feb. 1866	6000	Wharfedale Mining Co.* Wheal Agar, c, Illogan Wheal Basset Consols Wheal Basset and Grylis, t	0 5	0	1	
66 66	10000 Fur 1026 Gar	rsdon, c* [5000 rden, t, Morva	£1 108.]	12 9	- ::	Mar. 1865	512 1000	Wheal Buller, Redrutht 1 Wheal Curtis, c, Crowan 1	9 10 1	0 221/2	23 25	
66 36	4096 Gar 4000 Gar	rsdon, c* [5000 rden, t, Morva rlidna Unit., t wton, c, Tavis n. Min. Co. for	tock S	5 6		Feb. 1866 Feb. 1866	6000 6144	Wheal Buller, Redrutht 1 Wheal Curtis, c, Crowan 1 Wheal Crebor, c, Tavistock Wh. Damsel, c, t, Gwennap	2 5 2 15	0 148.	11s. 1	48
36 35						Sept. 1866 Dec. 1866	849	Wheal Emily Henrietta, c.	6 15	0		**
	6000 Got	namena, c, St. thic, s-l, Cardi ambler and St	gan* 3	10 0	278 ·· SIL CIL	Fully pd.	4000	Who Emma, c, Buckfastlet.	3 19	6. 114	25s. 27	78
3	4096 Gre	eat Caradon, e	, St. Ives. St. Helston	11 0		Nov. 1866	4860 6000	Wheal Hartley, c, Gwinear Wheal Ida, s-l, St. Ive Wh. Kitty, t, Uny Lelant.	1 0	0	**	**
15	5000 Gre	eat Caradon, c East Lovell, eat Mona, l, Isleat North Dow No, Laxey(Isle	e of Man*	18 0	334 414	June, 1866 Oct. 1866	512	Wh. Kitty, t, Uny Lelant, Wheal Jane, s-l, Kea Wh. Margaret, t, Uny Lel.	0 10	0 7	9 10	
35	12500 Gt.	No. Laxey(Isle	s-l, b 1	12 6	134 2 216	. Oct. Tuce	728	Wheal Margery, t, c	3 4	10. —	8 10	
18 14	GOOD Ext.	eat Retallack, eat South Chiv. So. Tolgus, c,	Redrum.	1 10 0.0	736 · • 76 /16	July, 1866	6000	Wheal Margery, t, c	1 10	0	::	
5	3000 Gre	eat West Chive	erton, l 1	7 17 6 ~		June, 1864 June, 1863	6000	Wh. Norris, t, c, St. Cleer. Wheal Owles, t, St. Just ;	4 6	1		
14	1798 Gt.	Wh. Fortune	, t, Breage 27	0 0	5/25/3 6	Dec. 1866	1024	Wh. Par, t, St. Biazey Wheal Polmear, c	8 13	9		
13	2500 Gri	t and Stapeley	ers'), t. c. 4	15 0	* **	July, 1864 Aug. 1866 Nov. 1866	1500 6000	Wheal Sarah, t, Lanivet Wheal Sparnon, c, Redruth	0 13	8	::	
1	6068 Gw	ydyr Pk. Con., llenbeagle, c, l	Kenwyn 2	13 0	14. 56	Nov. 1866 Sept. 1864	14400	Wh Transack a Githney	9 244	0	::	
, 1	5000 Hay	rwood, l, Durk van, l, Cardigo gan, t, c dy Bertha, c, T	in* 4	15 0	79 78	Mar. 1866 June, 1866	1200 4096	Wh. Tremayne, t. Gwinear Wheal Trevenna, t, c Wheal Uny, t, c, Redruth 1 Wheal Vlow, t, Perranzab.	0 16	0	21/4 3	
1.	6000 Lad	dy Bertha, c, 7	Tavistock. 2	19 6		Oct. 1866 June, 1866	4450 6000	Wheal Vlow. t, Perranzab. Wheal Union, c, Redruth	5 1	ii. –		::
6	3000 Lea	de and St. An	hyn t.c. 19	13 4		Mar. 1866 Mar. 1863						
6	160 Lev	ant Cons. t, U rant, c, t, St. J rant United, S	t. Just 0	8 1		June, 1866		-				
6	1024 Lov 2000 Lov	veil Consols, t. ver Park, l, Does-y-Safn, l	enbigh* 3	11 0	3 31/4	Jan. 1864		MISCELL	AN	EOUS	4.	
6	3000 Mac 6000 Mar	es-y-Safn, lendlin, c, Losty	vithiel 4	7 0	: ::	Jan. 1866 May, 1865	60000	Anglo-American Telegr. ** 1	0 0	0 15	15%15	%
6 2	5000 Mer 3000 Min	ndlin, c, Lostv rllyn, l, Flint nera Western	Boundry* 0	2 6	::	Jan. 1866 Sept. 1863	20000 600000	Anglo-Mexican Mintt 1	0 0	0 16	32 37	**
5						Aug. 1865	90000	Australian Agriculturalt. Bolckow, Vaughan*† 1 British American Landt.	0 10 (0 18	19 21	3/4.
6	1024 Nan 4000 Nan	nath C. South unt Pleasant, ngiles, t, c, Ke nteos, t, Cardia nt Minera, to nty Mines, t, 1	gan* 1	0 0	::	Fully pd.					20 25	**
6	250 Nar	nty Mines, l, l	Montgom. 30	0 0		Jan. 1865 Aug. 1866 Mar. 1866	25000	Ceylon Company * 1 1	0 0	0 91/9	9 10	**
6	24000 New	v Cornish [120	00 £1 pd., 12	000 15s. pc	1.]	Sept. 1866 Nov. 1866	30000 20000	Ceylon Company*† ChinaStm. ship&Lab.Coal† City Discount** City of Moscow Gas*† City of Moscow Gas*†	8 0	0. 213	13/ 23/	6 -
6	6514 New	v E. Russell, c. ther Hearth, l, v Hendra, t, c, v Pembroke, t, v Tamar, s-l	Tavistk. 0	10 6	::	Sept. 1866 May. 1865	35000 20000	City of Moscow Gas*† 5	5 0	0	18 19	
6	400 New	w Hendra, t, c,	Breage 14	11 0	::	Mar. 1866 Nov. 1866	50000	Copper Miners of Eng +19000	5 0 0	0. 51/4 d 4000	2.4% 53	6,
7						Dec. 1866	10000	Cred. Fonc. of Mauritius*† 1 5Crystal Palacet	0 0	0 61/2	6 7	**
6	960 New	v Trevenen, t,	Wendron 8	9 0		May, 1866 May, 1866 Aug. 1866	160820 277000	Cred. Fonc. of Mauritius*† 1 5Crystal Palace†	0 0	0 101	101 10	5
:	400 New	g Wh. Seton, c	Camba, 53	15 0 40	. 30 40	Dec. 1866 July, 1866	7500 20000	Darjeeling*†	4 0 0	0 13	11 13	41
	5000 No.	v Wheal Towa th Devon, s-l* Dolcoath, c, C	amborne. 4	0 0		July, 1866	50000 80000	ditto Spercent. p.d.; fill Darjeeling*† 1 E. Indian Land, Credit*†. 1 E. Indian Triga. & Canalt. 1 Ebbw Vale Iron Co. *† 2 Egyptlan Com. & Tradg. *† Electric Telegraph † 10 English and For. Credit*† Fairbairn Engineering*†. General Stm. Navigation; 1 Hollybnah Col. and Coke*	5 0 0	0 11	11 12	1/2
	3457 Nor 1361 No.	th Downs, c, I Grambler, c, I	Redruth 4 Redruth 6	8 10		Jan. 1867 Dec. 1866	113813 879975	Egyptian Com. & Tradg. *† Electric Telegraph †10	9 0 0	0 138	132 13	7
	16000 N. H	th Tane 1 a /	Kon with 3	0.6	76 14 34	July, 1865 Sept. 1866	20000 25000	Fairbairn Engineering*†.	5 0 6	41/4	41/6 51/4	6.4
1	2000 Nor	th Levant, t, c . Minera, l, W hænix,c, Link	rexham* 1	0 0	::	Sept. 1866 Fully pd.	20060	General Stm. Navigation 1	4 0 0	0 27	26 28	19
	4000 N.P	th Pool, c, Illo	gan 4	18 6	78	May, 1864 Nov. 1866 Jan. 1867	20000	Home and Colon, Assur. **	5 0 0) 2	214 24	6
	2000 No.	th Pool, c, Illo Roskear, c, Ca Shepherds, l, Treskerby, c, s th Wheal Bass	Newlyn. 6	9 0	25% 27%	Jan. 1867 July, 1866	50000	Hudson's Bay† 2 Im. Land Co. Marsailles*† 1 Indian Carrying*†	0 0 0) 3	1% 2	"
	BEID MOT	an wheat Croi	LY CT O	27 0.0	4% 5	April,1866 July, 1866	20000	Italian Landt Land Securities *† London and Caledonian*†	5 0 6	0 4	3 31/4	**
1	6144 N.W	Vh. Robert, Sn	p.Spiney 4	7 4		July, 1866 Feb. 1866 Aug. 1866	20000 12060	London and Caledonian*† London Dist. Telegraph*† London Gen. Omnibus *†	5 0 0) 2	12	60
1	8000 Orac	edd. I. Flintsh	Iro 0	10 0	**	Aug. 1866	5000	London and Glas. Engl. * ?	5 9 6	8	24	**
	6400 Par	Consols, c, St.	Blazeyt. 2 Cons. t.c 1	18 9	**	Nov. 1866 Sept. 1866	64500	London & Prov. Marine*† Marine Investment*† Mauritius Land, Cred., &c. *†	2 0 0	21/4	11/6 2	-
	8465 Ped: 5000 Pene	n-an-drea, t, I deen Consols, c	Redruth 5	15 0 1	34	Dec. 1866 Oct. 1866	19000	Mediterranean Ex. Tel. ** 1	0 0 1	11/4	216 3	7
	3340 Peni 5000 Peni	hale Wheal Vehalls, t, St. As	or, t, c 3	0 0	2% 3%	Jan. 1867 May, 1866	25000	Merchant Shipping*† 2 Millwall Freehold Land† 1 Millwall Trongorks**	7 10 0	1616	814	1
1	6512 Peni	hale and Lom hallow Moor,	ax, s-t 1 s-l 9	10 0		Oct. 1866 Sept. 1865 Feb. 1865	40000	Natal Land and Col. **	5 0 6	2	34 1	
	1200 Pen	ralt, s-l, Meric tre Lygan, l* berro, t, St. As	30	0 0		May, 1865 Fully pd.	40000	National Discount*†ditto new, issued at 5 pm.† National Provin. Marine*†	2 10 6)	71/4 8	-
1	512 Polt	breen, t, St. Ag	gnes 8	0 0	**	Aug. 1860	40000	N. British & Merc. Insur.	6 5 6	17	151/6161/	6
	12800 Prin	nce of Wales, t	, Calstock 0	11 6 31	s31s. 33s.	Nov. 1866	15000	Royal Mail Steam*† 6	0 0 0	105	107 110	1
		b, 1	blende; el, c	oal; e, co	pper; g, gol	d; l, lead; s,	silver;	sl., slate; s-l, silver-lead; t	tin;	z, zinc.		
								; those marked † have been				

1863	
1866	
	MISCELLANEOUS
1864	MISCELLANEOUS.
1866	
1865	60000 Anglo-American Telegr. *† 10 0 0 15 15 15 15 16 16 16
1866	20000 Anglo-Mexican Mintt 10 0 0 16 15 16
1863	600000 Atlantic Telegraph* 100 0 0 37 32 37
1865	20000 Australian Agriculturalt. 20 10 0 18 19 21
	25000 Bolckow, Vaughan* 17 10 0 211/2281/4
866	6000 British American Landt 44 0 0 25 20 25
pd.	534780 Brit. & Irish Mag. Teleg. +100 0 0 94 90 94
865	50000 British Shipownerst 7 10 0
866	25000 Ceylon Company*† 10 0 0 91/4 9 10
866	27000 Uninascin. shipschab.Coair II 0 0 1% a 1% 2
866	30000 City Discount**
866	20000 City London heal Prop. * 8 0 0 4 5
865	35000 City of Moscow Gas*† 25 0 0 — 18 19
866	
866	50000 Commercial Uni. (Insu.) † 5 0 0 5 4 c.4% 5 3 42000 Copper Miners of Eng. † [2000 £25 pd., 40000 £100 pd.]
866	10000 Cred. Fonc. of Mauritius 10 0 0. 6 %. 6 7
866	1002925Crystal Palacet
866	160820 ditto preference 100 0 0 101 101 105
866	277000 ditto 6 per cent. p.d. 100 0 0 102 102 105
866	7500 Darjeeling*† 14 0 0 13 11 13
866	20000 E. Indian Land, Credit* 10 0 0 2 3 4
866	50000 E. India Irriga. & Canalt. 15 0 0 11111/2121/2.
866	80000 Ebbw Vale Iron Co. * 23 0 0 93 11 12
867	113813 Egyptian Com. & Tradg. * 9 0 0 4% 4% 5
866	879975 Electric Telegraph t100 0 0 138 132 137
865	20000 English and For. Credit*† 7 10 0
866	25000 Fairbairn Engineering*†. 5 0 0 41/441/4 51/4
866	30000 Fore-street Warehouse*† 12 0 0 13124134
pd.	20060 General Stm. Navigation 14 0 0 27 26 28
864	4000 Hony busin Con. and Conc. b o ott
866 867	20000 Home and Colon. Assur.*† 5 0 0 22½ 2½ 100000 Hudson's Bay† 20 0 0 1716½ 16½
866	80060 Im. Land Co. Marsailles † 10 0 0 3 134 2
000	50000 Indian Carrying*† 1 15 0 —
866	30000 Italian Landt 5 0 0 31/4 3 31/4
866	20000 Land Securities * 5 0 0 4 2 21/4
866	20000 London and Caledonian* 5 0 0 2 1 2
866	12060 London Dist. Telegraph * 5 0 0 11/6 11/6 2 .
866	148525 London Gen. Omnibus * 4 0 0 314 3 314
	5000 London and Glas. Engl. * 25 0 0 8 2 4 -
986	64500 London & Prov. Marine*† 2 0 0 21/2 11/2 2
866	10000 Marine Investment** 6 5 0
866	12500 Mauritius Land, Cred., &c. *† 2 0 0 114
866	12000 Mediterranean Ex. Tel. *† 10 0 0 3 21/2 3
867	10000 Merchant Shipping*t 20 0 0 8 9 11 -
366	25000 Millwall Freehold Landt 17 10 0 161/2 81/4 .
966	40000 Millwall Ironworks* 7 10 0
365	22500 Natal Land and Col * 5 0 0 2 34 1
965	120000 National Discount + 5 0 0 1514 1414
965	40000 ditto new, issued at 5 pm. † 2 10 0 71/4 8
pd.	20000 National Provin. Marine*† 2 10 0
860	20000 National Steam Naviga. *† 30 0 0 18 15 17
pd	40000 N. British & Merc. Insur. † 6 5 0 17151/161/16 15000 Royal Mail Steam * † 60 0 0 105107 110
866	

*** Companies marked thus * have been incorporated with Limited Liability; those marked † have been admitted on the Stee

. Our object being to make the Share List correct, we earnestly call upon those who have the power to aid us, by forwards tions or correction which may, from time to time, come under their notice. To shareholders, as well as those officially of the mines, we appeal for information. Reports from mines—in fact, mining intelligence of every description, lowarded will meet with ready attention.

London: Printed by RICHARD MIDDLETON, and published by HENRY English (the proprietors), at their office, 28, Flerr 5 where all communications are requested to be addressed,—January 19, 1867.